

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011620\
 Data File : VW014674.D
 Acq On : 16 Jan 2020 16:12
 Operator : SY/VA
 Sample : L1109-09
 Misc : 5.06G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GASG8

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\SOM2WLM122719S.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	1.952	6	8	13	rBV4	3325	6058	0.02%	0.005%
2	2.153	37	41	46	rBV2	7108	11785	0.04%	0.010%
3	2.349	68	73	80	rVB	57227	92462	0.28%	0.078%
4	2.885	155	161	170	rVB	44702	100618	0.31%	0.084%
5	3.287	225	227	229	rBV2	1181	927	0.00%	0.001%
6	3.763	303	305	308	rVB2	955	928	0.00%	0.001%
7	4.007	335	345	357	rBV	101901	267020	0.81%	0.224%
8	4.117	357	363	375	rVB	14743	38921	0.12%	0.033%
9	4.379	400	406	407	rBV4	2075	2389	0.01%	0.002%
10	4.495	423	425	428	rVB	830	1019	0.00%	0.001%
11	4.598	441	442	447	rBV3	584	1058	0.00%	0.001%
12	4.909	481	493	505	rBV2	43382	134783	0.41%	0.113%
13	5.074	517	520	523	rBV2	861	938	0.00%	0.001%
14	5.122	523	528	529	rBV3	860	1238	0.00%	0.001%
15	5.147	529	532	533	rVV2	795	925	0.00%	0.001%
16	5.177	535	537	540	rVB2	1212	1309	0.00%	0.001%
17	5.293	552	556	558	rVB3	708	984	0.00%	0.001%
18	5.787	630	637	638	rBV4	1308	2723	0.01%	0.002%
19	5.933	654	661	665	rBV5	3350	7436	0.02%	0.006%
20	6.287	716	719	722	rBV	715	946	0.00%	0.001%
21	6.415	735	740	744	rBV4	814	1358	0.00%	0.001%
22	6.598	766	770	776	rVB3	865	1643	0.00%	0.001%
23	6.897	816	819	820	rBV2	910	948	0.00%	0.001%
24	6.994	831	835	837	rBV4	1018	1526	0.00%	0.001%
25	7.079	841	849	852	rBV	44432	110789	0.34%	0.093%
26	7.134	854	858	871	rVB	72523	188099	0.57%	0.158%
27	7.646	931	942	958	rBV	171250	418919	1.27%	0.352%
28	7.951	987	992	993	rBV4	1382	2080	0.01%	0.002%
29	8.274	1032	1045	1062	rBV2	324051	1065348	3.24%	0.895%
30	8.402	1064	1066	1070	rVB5	1699	1830	0.01%	0.002%
31	8.695	1111	1114	1116	rBV3	1576	1951	0.01%	0.002%
32	8.841	1129	1138	1150	rVV	339247	683123	2.08%	0.574%
33	8.963	1156	1158	1165	rVB5	1082	1922	0.01%	0.002%
34	9.049	1168	1172	1173	rBV4	1333	1650	0.01%	0.001%

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Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
 Title : VOC Analysis

35	9.274	1200	1209	1219	rBV	244192	514080	1.56%	0.432%
36	9.347	1219	1221	1225	rVB5	1689	1556	0.00%	0.001%
37	9.445	1235	1237	1239	rVV3	1380	1399	0.00%	0.001%
38	9.658	1268	1272	1279	rVB6	2344	5894	0.02%	0.005%
39	10.036	1326	1334	1342	rBV	122322	225030	0.68%	0.189%
40	10.128	1347	1349	1351	rBV4	1108	1114	0.00%	0.001%
41	10.213	1357	1363	1368	rVB2	6141	11170	0.03%	0.009%
42	10.323	1373	1381	1387	rVV	404625	721501	2.20%	0.606%
43	10.384	1387	1391	1404	rVB	78899	141443	0.43%	0.119%
44	10.579	1415	1423	1438	rBV	81743	146290	0.45%	0.123%
45	10.707	1438	1444	1449	rVV2	19290	35749	0.11%	0.030%
46	10.823	1461	1463	1466	rBV3	984	1388	0.00%	0.001%
47	10.853	1466	1468	1473	rVB4	2708	3634	0.01%	0.003%
48	10.920	1473	1479	1493	rBV	154643	282124	0.86%	0.237%
49	11.060	1497	1502	1513	rVV2	31430	62852	0.19%	0.053%
50	11.176	1516	1521	1531	rVB2	17254	35309	0.11%	0.030%
51	11.432	1559	1563	1570	rBV3	11445	20424	0.06%	0.017%
52	11.487	1570	1572	1573	rBV2	2196	1327	0.00%	0.001%
53	11.627	1589	1595	1603	rVB	421597	719172	2.19%	0.604%
54	11.731	1607	1612	1617	rVB	21796	32433	0.10%	0.027%
55	11.804	1619	1624	1626	rBV6	4823	8046	0.02%	0.007%
56	11.835	1626	1629	1634	rVB2	5701	7857	0.02%	0.007%
57	11.938	1642	1646	1652	rBV8	5887	9792	0.03%	0.008%
58	12.182	1679	1686	1692	rBV	150068	250542	0.76%	0.210%
59	12.341	1708	1712	1715	rBV6	3170	5508	0.02%	0.005%
60	12.371	1715	1717	1719	rBV3	2725	2479	0.01%	0.002%
61	12.609	1750	1756	1762	rBV	36290	64307	0.20%	0.054%
62	12.688	1764	1769	1778	rVB	147904	249698	0.76%	0.210%
63	12.871	1794	1799	1801	rBV5	5529	10605	0.03%	0.009%
64	12.932	1805	1809	1815	rVB5	13778	23511	0.07%	0.020%
65	13.249	1857	1861	1864	rBV3	13488	21713	0.07%	0.018%
66	13.298	1864	1869	1874	rVV	276821	426003	1.30%	0.358%
67	13.353	1874	1878	1882	rVB	43934	66889	0.20%	0.056%
68	13.584	1905	1916	1923	rBV	1541771	2789249	8.49%	2.342%
69	13.712	1933	1937	1939	rBV3	33975	49880	0.15%	0.042%
70	13.786	1940	1949	1955	rVB	1085984	1823578	5.55%	1.531%
71	13.853	1955	1960	1963	rBV	176368	304261	0.93%	0.255%

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72	13.944	1969	1975	1980	rBV2	275685	466965	1.42%	0.392%
73	14.036	1980	1990	1995	rBV2	1844567	4001589	12.17%	3.360%
74	14.096	1995	2000	2005	rVB	1898878	2867407	8.72%	2.408%
75	14.157	2005	2010	2013	rBV	1235127	2034035	6.19%	1.708%
76	14.200	2013	2017	2022	rVV2	3232005	5456693	16.60%	4.582%
77	14.249	2022	2025	2028	rVB	501129	669722	2.04%	0.562%
78	14.334	2034	2039	2044	rVB	3053603	4626270	14.07%	3.885%
79	14.420	2044	2053	2055	rBV	4466118	7496072	22.81%	6.294%
80	14.456	2055	2059	2063	rVV	6591878	9735428	29.62%	8.175%
81	14.499	2063	2066	2070	rVV	1620848	2007404	6.11%	1.686%
82	14.541	2070	2073	2075	rVV	678063	857906	2.61%	0.720%
83	14.566	2075	2077	2083	rVB	966480	1236092	3.76%	1.038%
84	14.639	2085	2089	2093	rVB2	836784	1141655	3.47%	0.959%
85	14.688	2093	2097	2101	rBV3	900896	1743795	5.31%	1.464%
86	14.730	2101	2104	2108	rVB2	961561	1315643	4.00%	1.105%
87	14.791	2108	2114	2121	rBV2	18212160	32869004	100.00%	27.600%
88	14.859	2121	2125	2136	rVB3	891736	1817179	5.53%	1.526%
89	14.956	2136	2141	2148	rBV2	2657153	4508963	13.72%	3.786%
90	15.023	2149	2152	2154	rBV	472523	627826	1.91%	0.527%
91	15.066	2154	2159	2162	rBV2	1975482	3194145	9.72%	2.682%
92	15.176	2171	2177	2184	rVB2	2307725	5122620	15.58%	4.301%
93	15.310	2196	2199	2206	rVB2	992703	1694765	5.16%	1.423%
94	15.419	2213	2217	2221	rBV	500964	950216	2.89%	0.798%
95	15.468	2221	2225	2238	rVB2	920588	2275223	6.92%	1.910%
96	15.651	2249	2255	2263	rBV6	323768	878633	2.67%	0.738%
97	15.730	2265	2268	2273	rVV4	207101	336506	1.02%	0.283%
98	15.950	2299	2304	2310	rVB	528642	933827	2.84%	0.784%
99	16.175	2336	2341	2350	rVB2	429577	898957	2.73%	0.755%
100	16.645	2410	2418	2430	rVB	2194178	5094214	15.50%	4.278%

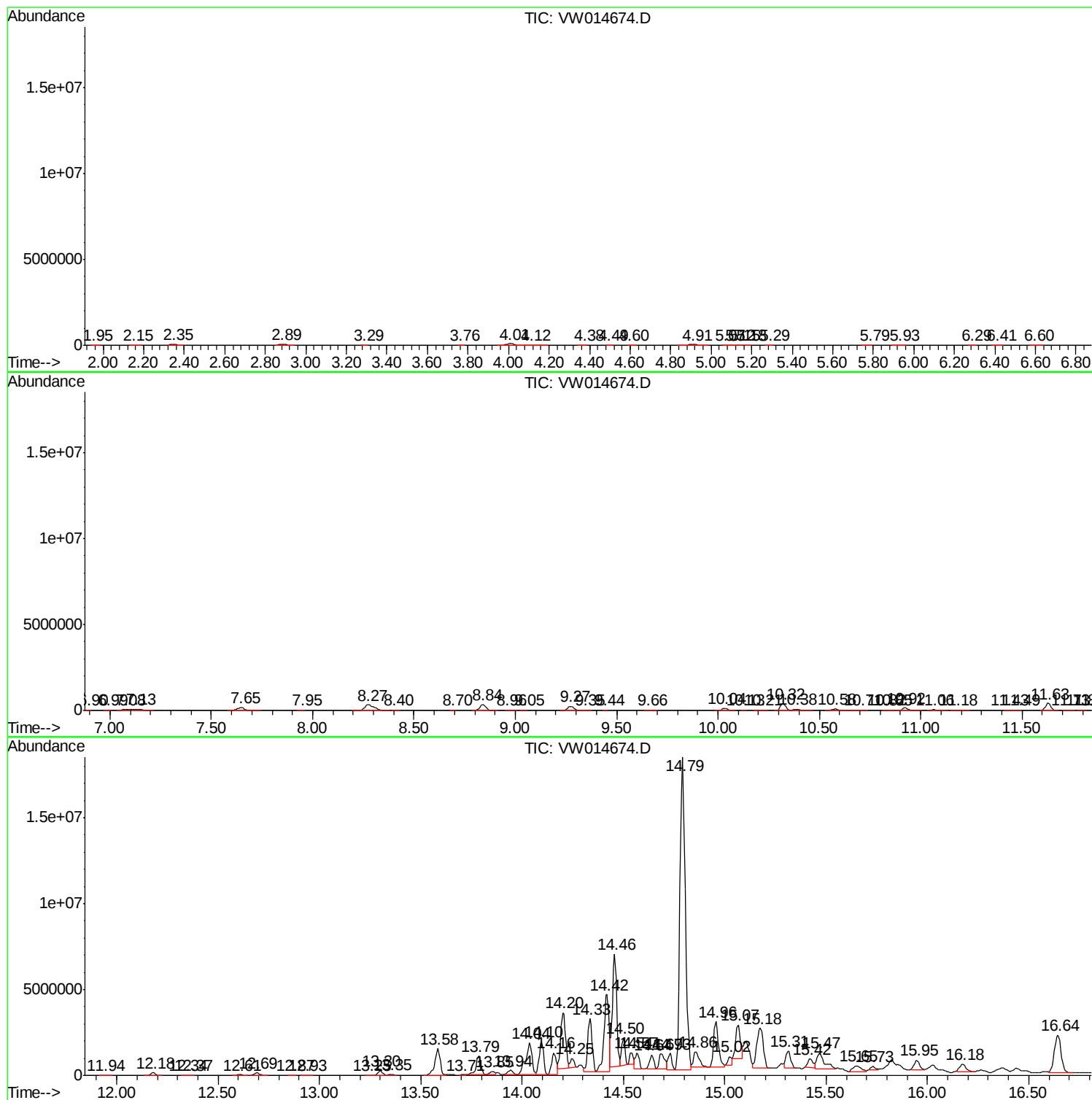
Sum of corrected areas: 119092214

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

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



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MSVOA_W
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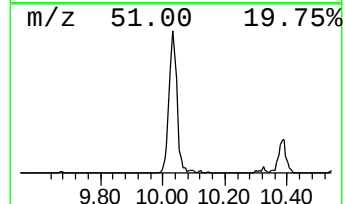
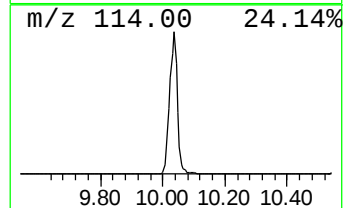
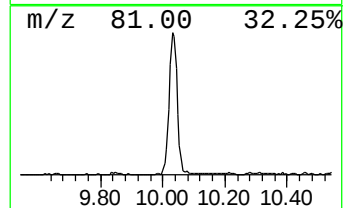
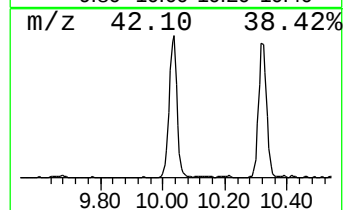
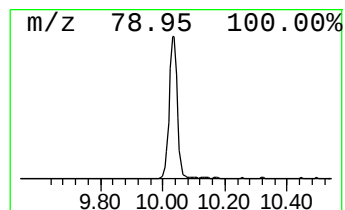
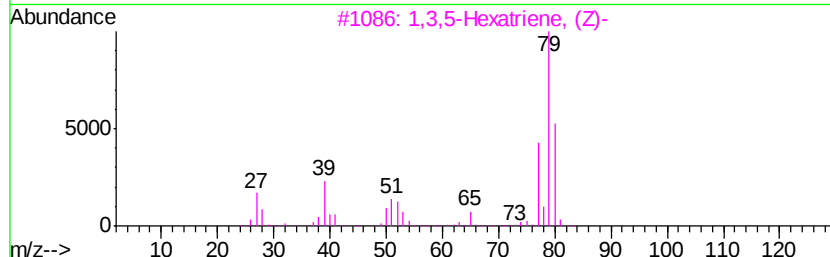
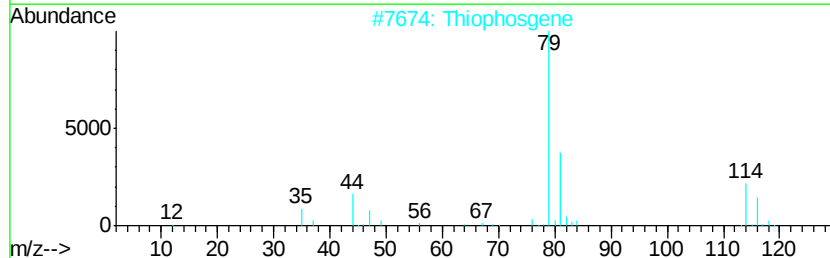
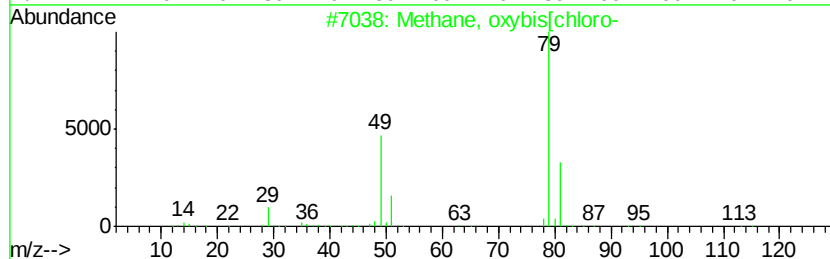
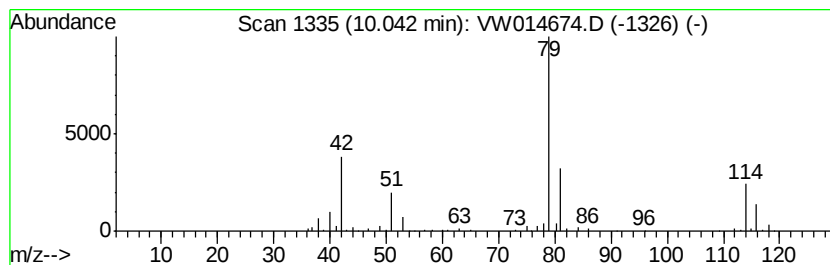
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

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

Peak Number 2 unknown-01 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.04	8.24 ug/L	225030	1,4-Difluorobenzene	8.84

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Methane, oxybis[chloro-	114	C2H4Cl2O	000542-88-1	47
2			Thiophosgene	114	CCl2S	000463-71-8	40
3			1,3,5-Hexatriene, (Z)-	80	C6H8	002612-46-6	37
4			3-Thiatricvclo[3.1.1.0(2,4)]heptane	112	C6H8S	1000221-37-0	32
5			1,3-Cyclohexadiene	80	C6H8	000592-57-4	25



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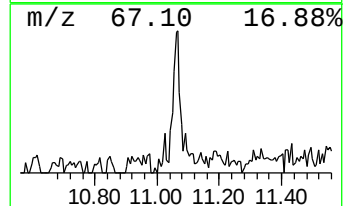
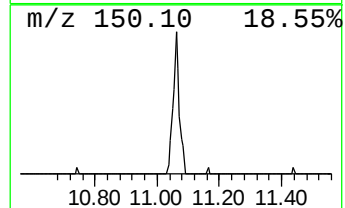
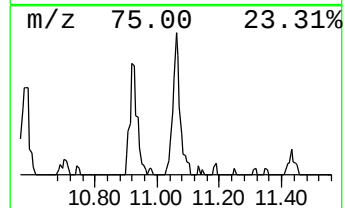
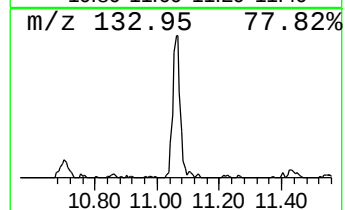
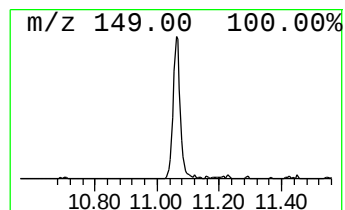
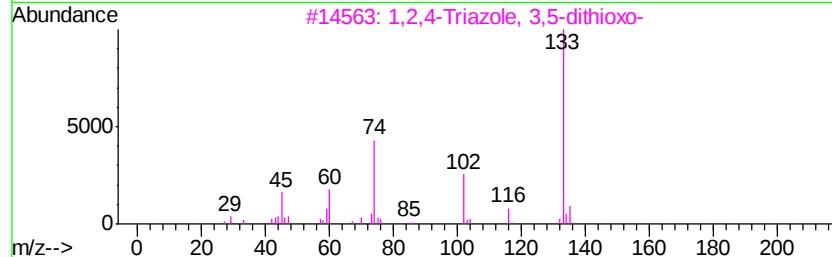
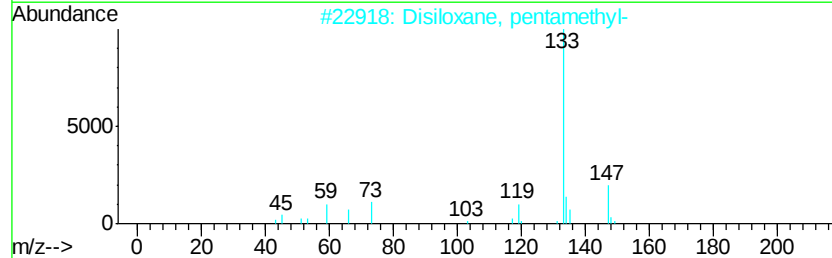
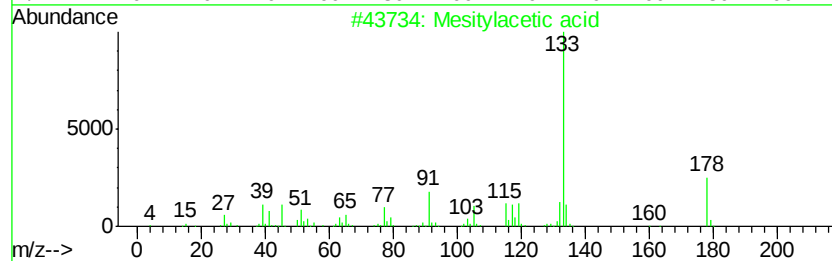
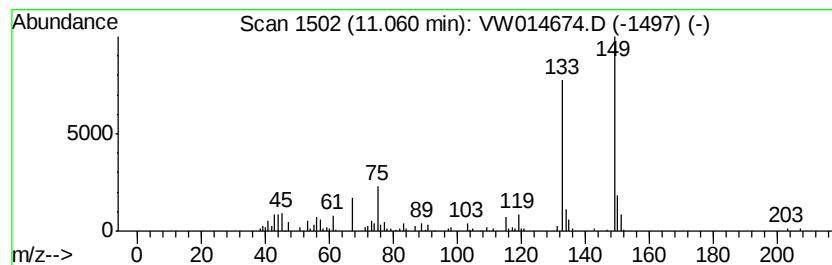
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Quant Title : VOC Analysis

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

Peak Number 3 unknown-02 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.06	2.18 ug/L	62852	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Mesitylacetic acid	178	C11H14O2	004408-60-0	35
2		Disiloxane, pentamethyl-	148	C5H16OSi2	001438-82-0	35
3		1,2,4-Triazole, 3,5-dithioxo-	133	C2H3N3S2	005650-03-3	27
4		Oxalamide, N-(2-hydroxyethyl)-N'...	278	C14H18N2O4	1000304-26-2	27
5		4-Propyl-3-thiosemicarbazide	133	C4H11N3S	013431-35-1	25



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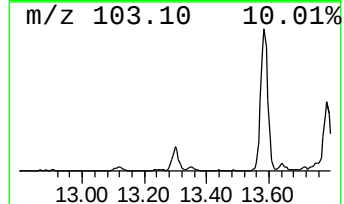
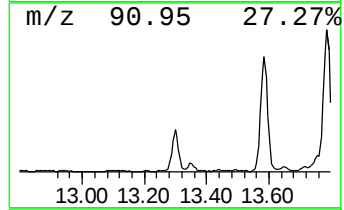
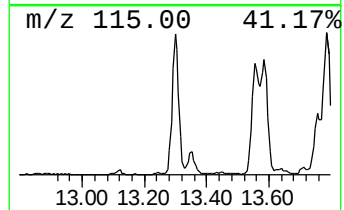
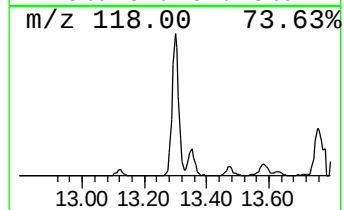
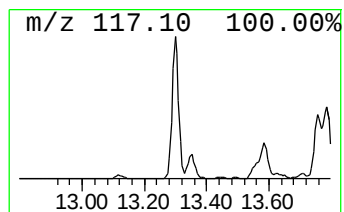
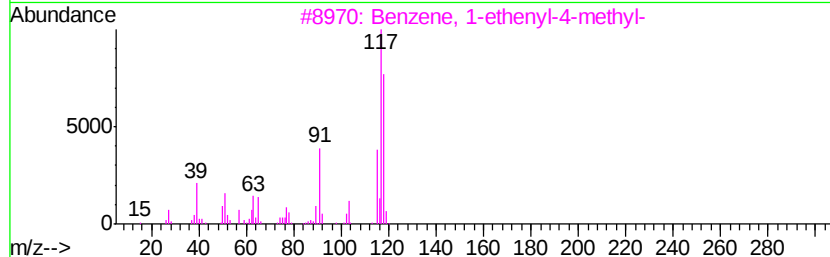
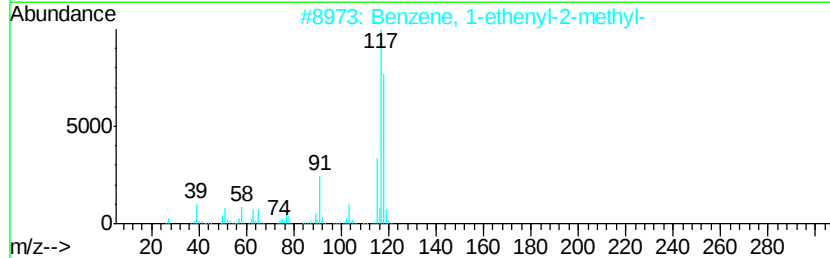
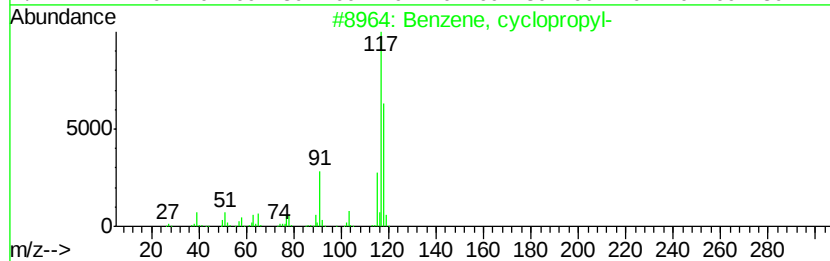
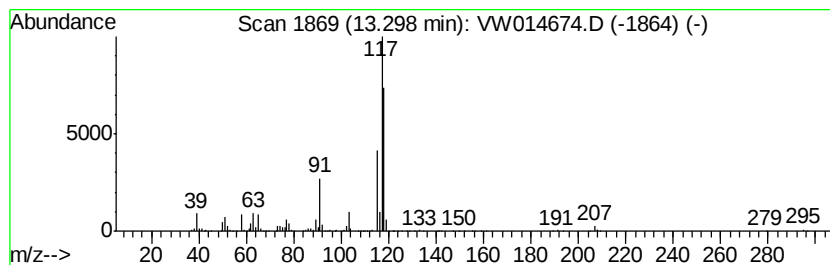
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Quant Title : VOC Analysis

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

Peak Number 4 Benzene, cyclopropyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.30	3.82 ug/L	426003	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, cvclopropyl-	118	C9H10	000873-49-4	94
2		Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	94
3		Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	93
4		Benzene, 2-propenyl-	118	C9H10	000300-57-2	90
5		Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011620\
Data File : VW014674.D
Acq On : 16 Jan 2020 16:12
Operator : SY/VA
Sample : L1109-09
Misc : 5.06G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GASG8

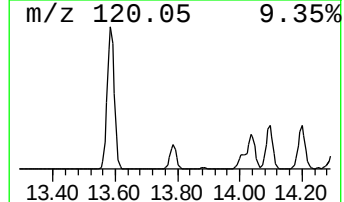
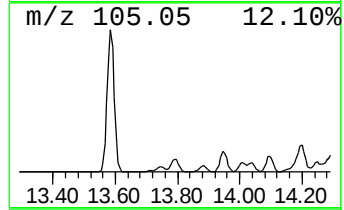
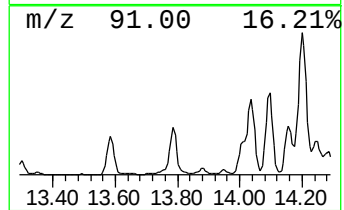
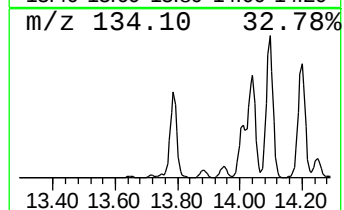
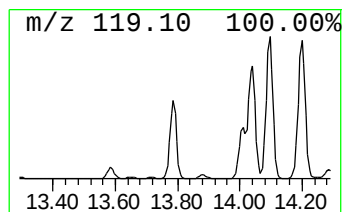
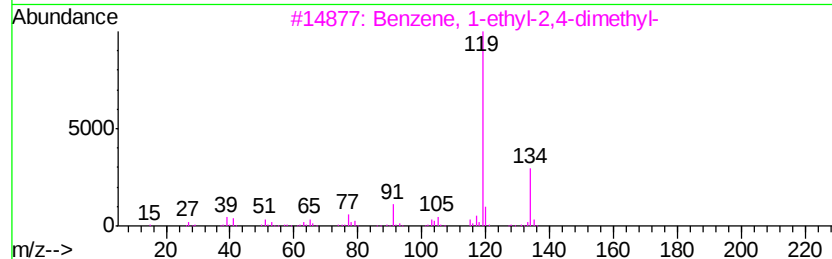
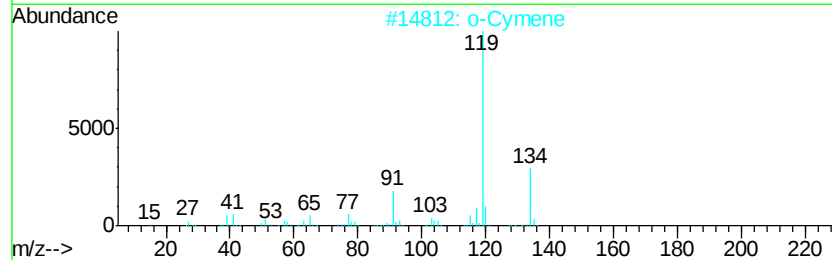
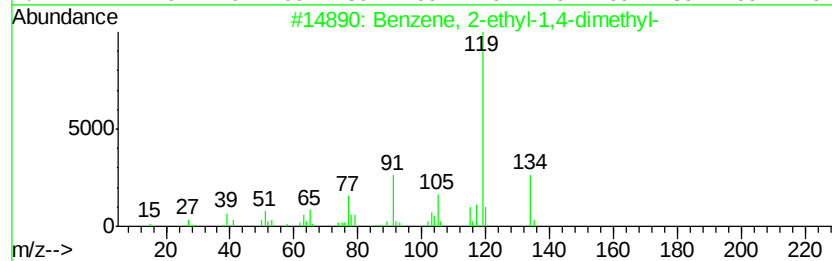
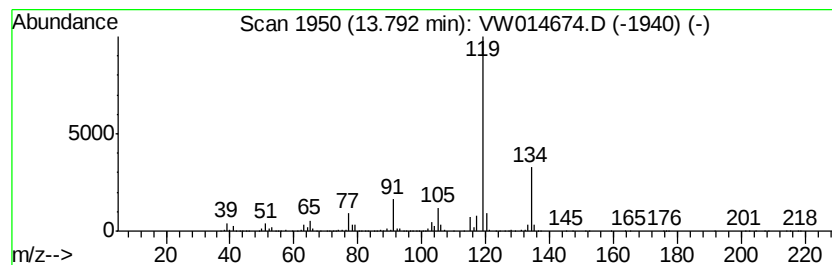
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Quant Title : VOC Analysis

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

Peak Number 5 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	16.34 ug/L	1823580	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2		o-Cymene	134	C10H14	000527-84-4	95
3		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
4		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
5		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011620\
Data File : VW014674.D
Acq On : 16 Jan 2020 16:12
Operator : SY/VA
Sample : L1109-09
Misc : 5.06G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GASG8

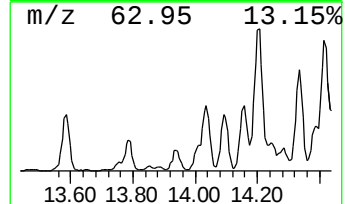
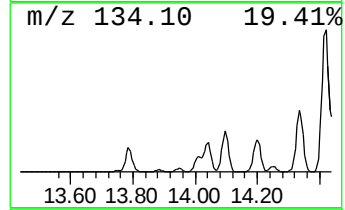
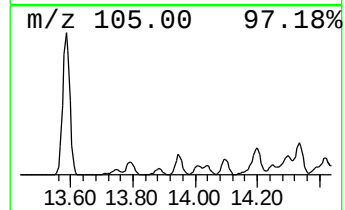
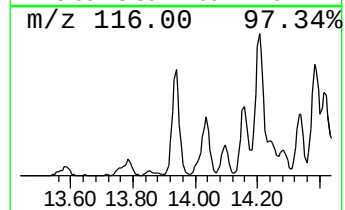
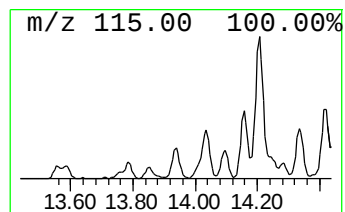
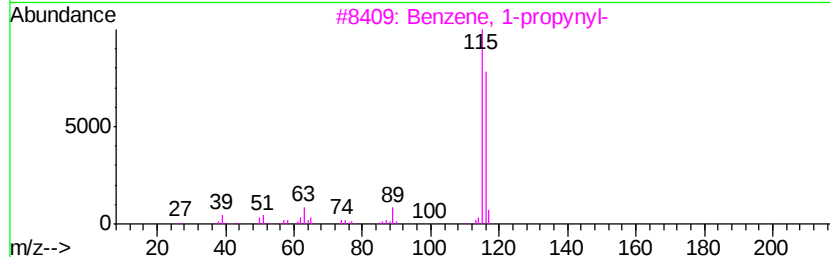
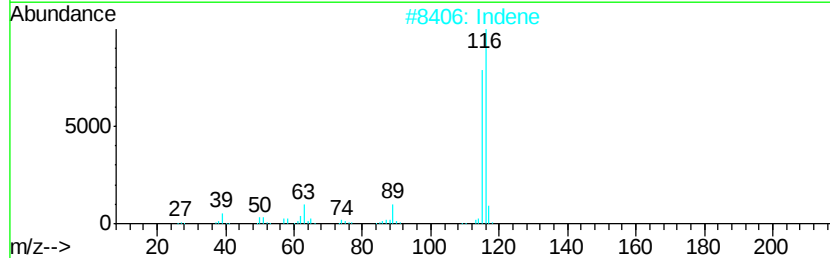
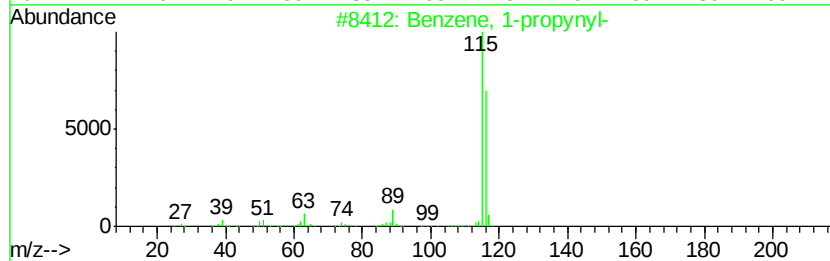
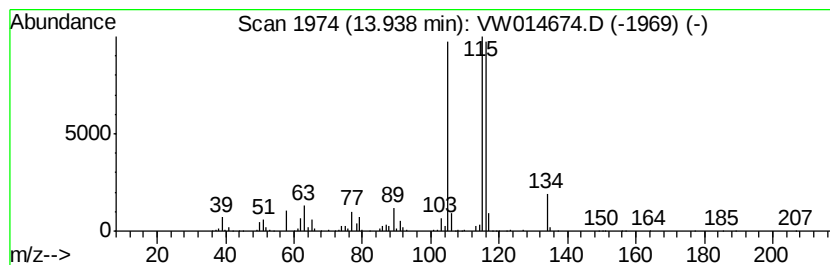
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Quant Title : VOC Analysis

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

Peak Number 6 Benzene, 1-propynyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	4.19 ug/L	466965	1,4-Dichlorobenzene-d4	13.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1-propynyl-	116	C9H8	000673-32-5	90
2		Indene	116	C9H8	000095-13-6	60
3		Benzene, 1-propynyl-	116	C9H8	000673-32-5	53
4		3-Methylphenylacetylene	116	C9H8	000766-82-5	53
5		2-Methylphenylacetylene	116	C9H8	000766-47-2	49



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011620\
Data File : VW014674.D
Acq On : 16 Jan 2020 16:12
Operator : SY/VA
Sample : L1109-09
Misc : 5.06G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GASG8

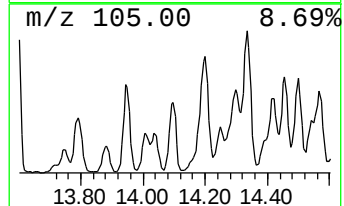
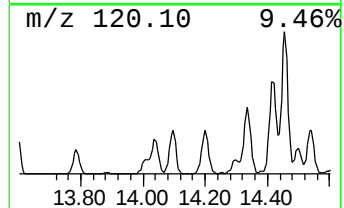
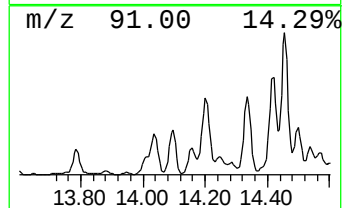
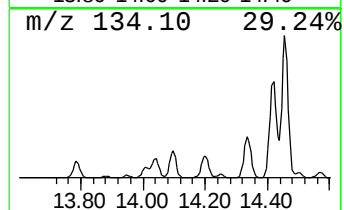
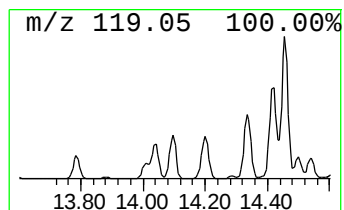
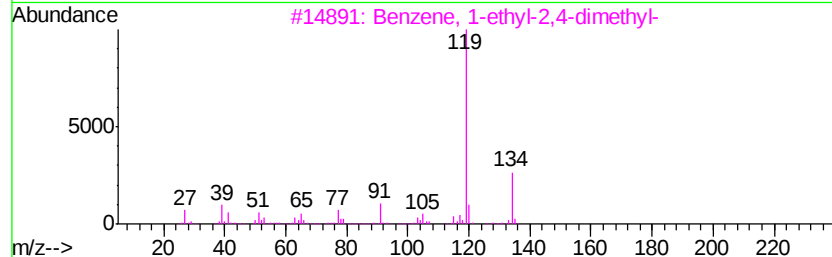
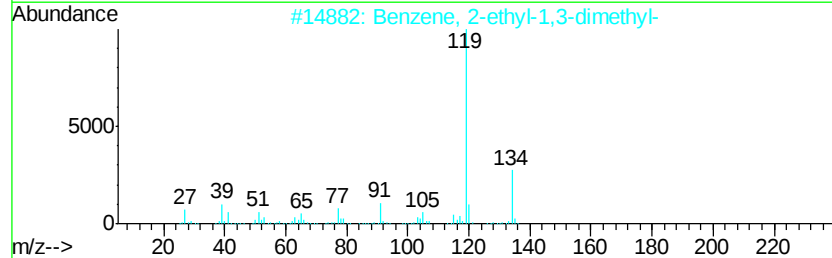
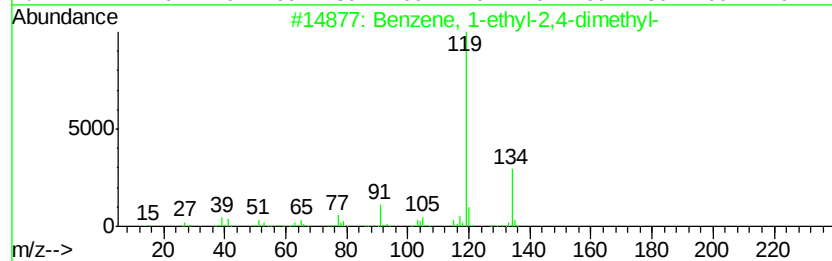
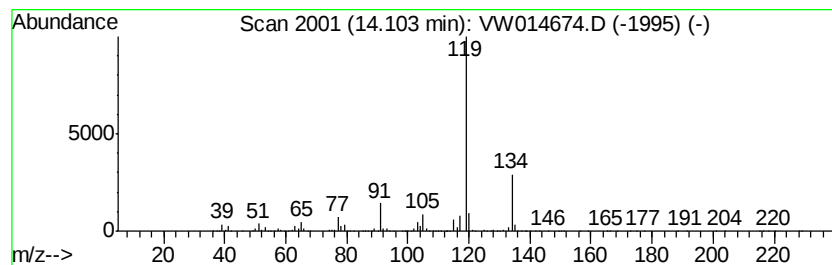
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Quant Title : VOC Analysis

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

Peak Number 8 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.10	25.70 ug/L	2867410	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
2		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
3		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
4		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
5		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94



Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011620\
Data File : VW014674.D
Acq On : 16 Jan 2020 16:12
Operator : SY/VA
Sample : L1109-09
Misc : 5.06G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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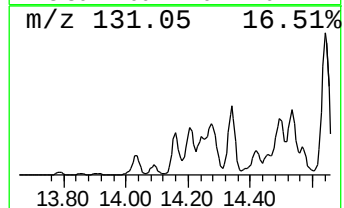
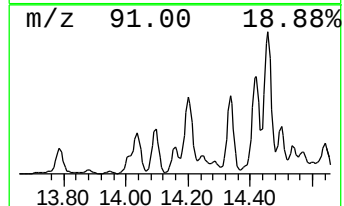
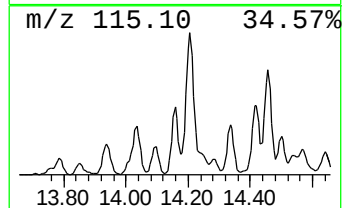
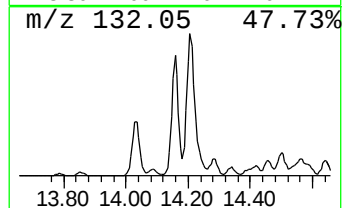
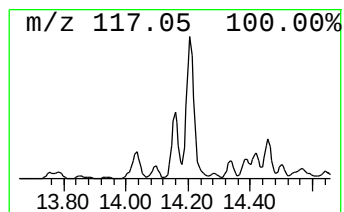
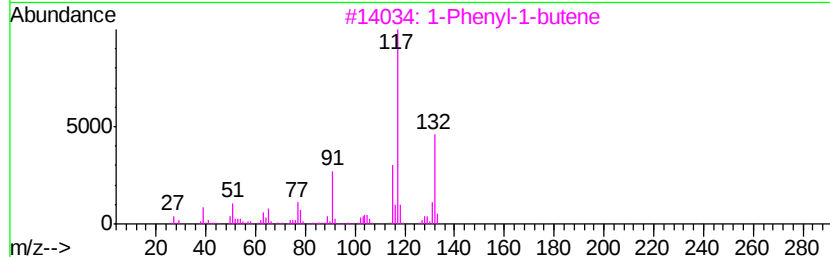
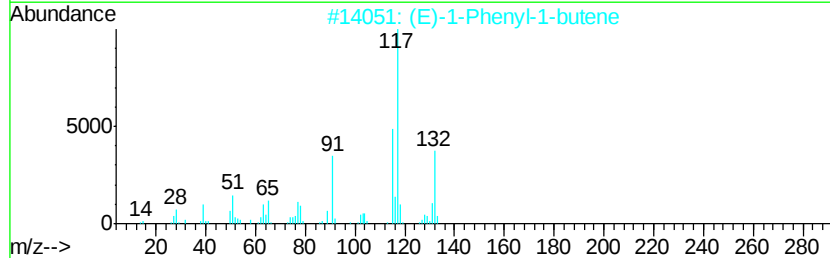
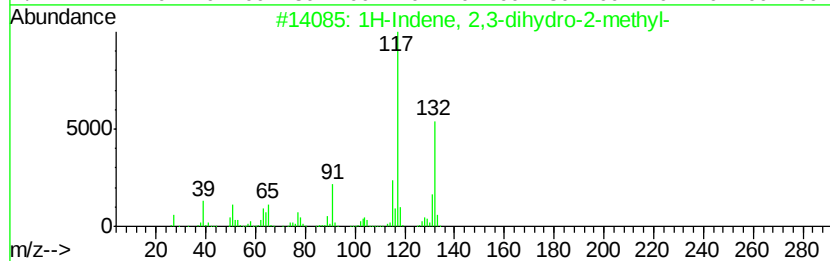
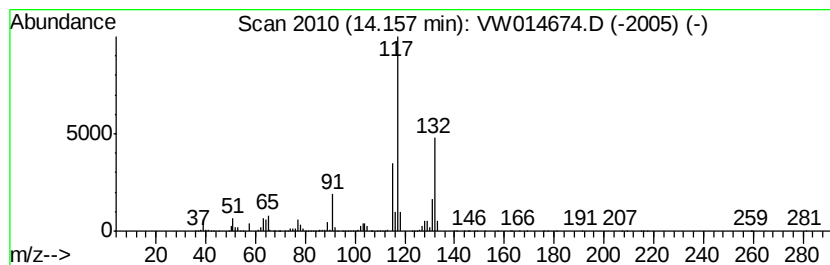
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Quant Title : VOC Analysis

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

Peak Number 9 1H-Indene, 2,3-dihydro-2-me... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.16	18.23 ug/L	2034040	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	95
2		(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	95
3		1-Phenyl-1-butene	132	C10H12	000824-90-8	94
4		Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	93
5		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011620\
Data File : VW014674.D
Acq On : 16 Jan 2020 16:12
Operator : SY/VA
Sample : L1109-09
Misc : 5.06G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GASG8

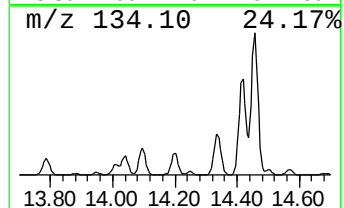
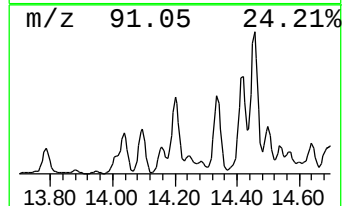
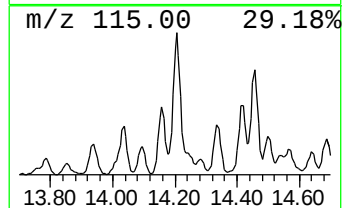
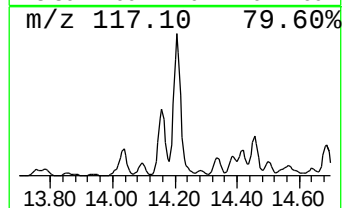
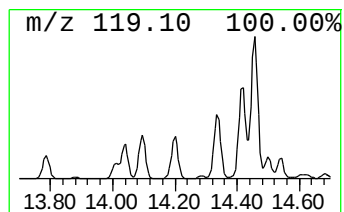
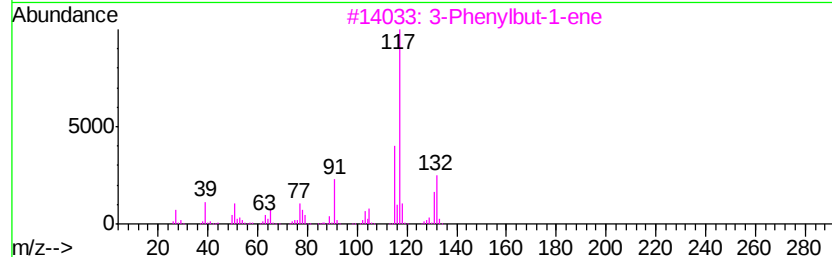
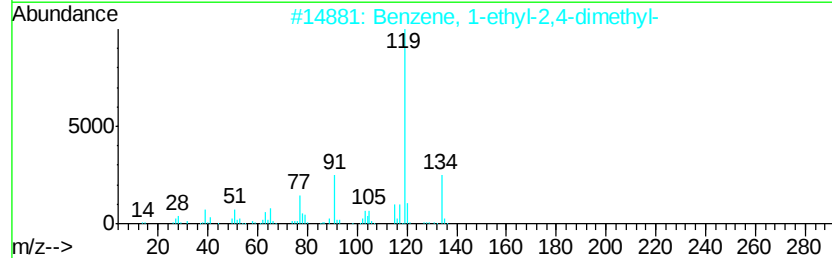
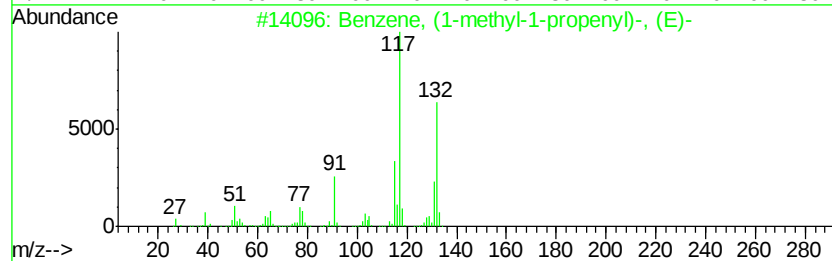
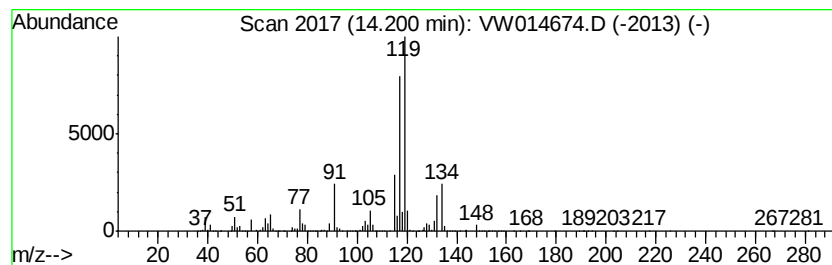
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Quant Title : VOC Analysis

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

Peak Number 10 Benzene, (1-methyl-1-propen... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.20	48.91 ug/L	5456690	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1-methyl-1-propenyl)-, ...	132	C10H12	000768-00-3	50
2		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	50
3		3-Phenylbut-1-ene	132	C10H12	000934-10-1	50
4		p-Cymene	134	C10H14	000099-87-6	50
5		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011620\
Data File : VW014674.D
Acq On : 16 Jan 2020 16:12
Operator : SY/VA
Sample : L1109-09
Misc : 5.06G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GASG8

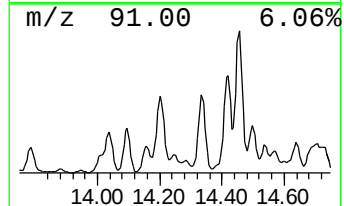
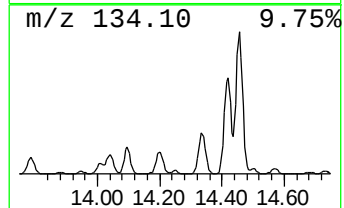
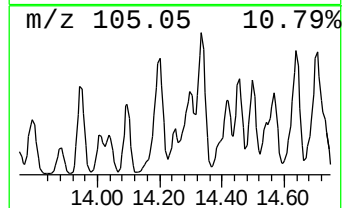
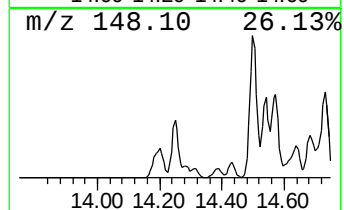
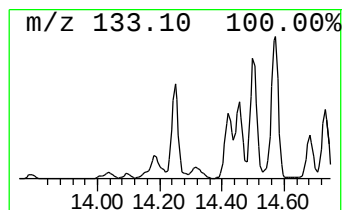
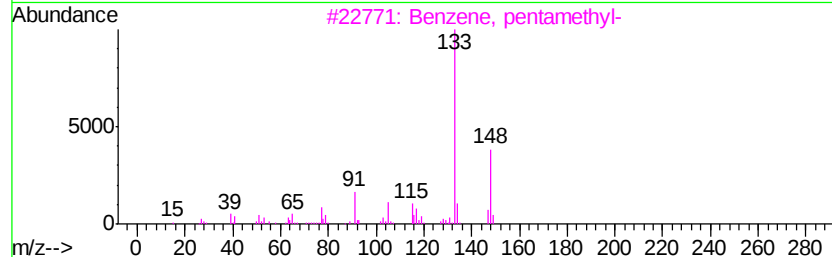
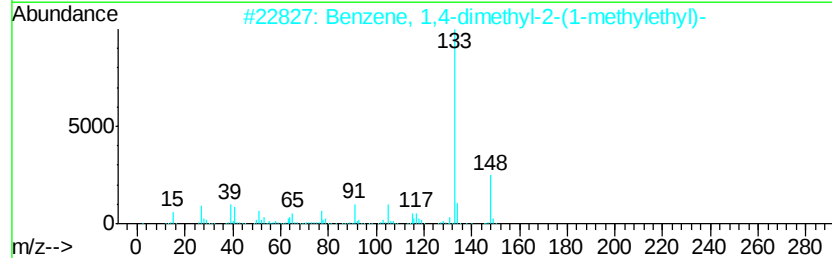
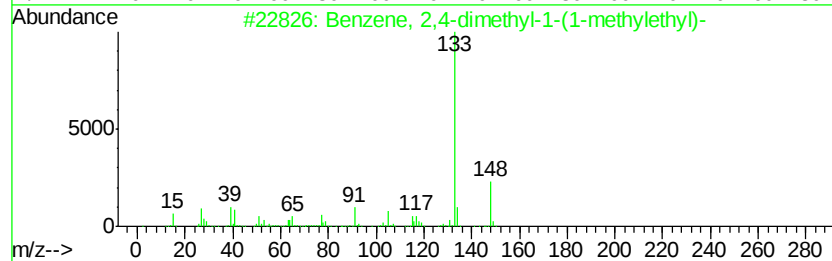
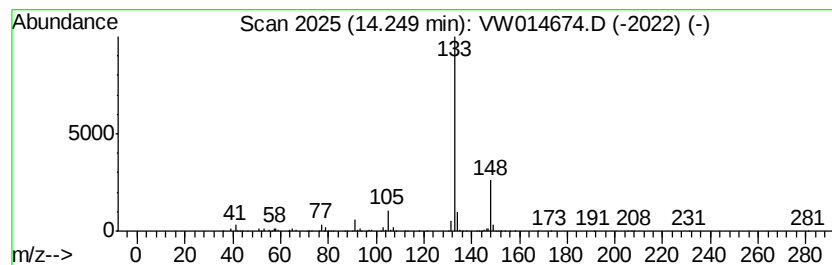
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Quant Title : VOC Analysis

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

Peak Number 11 Benzene, 2,4-dimethyl-1-(1-... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.25	6.00 ug/L	669722	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	90
2		Benzene, 1,4-dimethyl-2-(1-methy...	148	C11H16	004132-72-3	90
3		Benzene, pentamethyl-	148	C11H16	000700-12-9	86
4		Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	86
5		Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	83



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011620\
Data File : VW014674.D
Acq On : 16 Jan 2020 16:12
Operator : SY/VA
Sample : L1109-09
Misc : 5.06G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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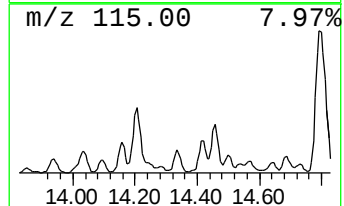
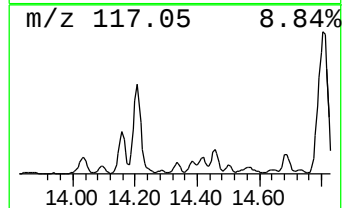
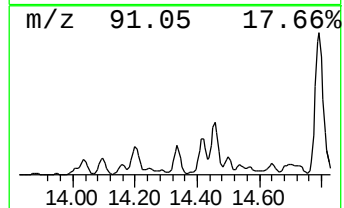
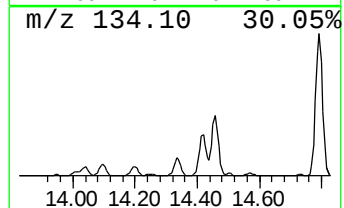
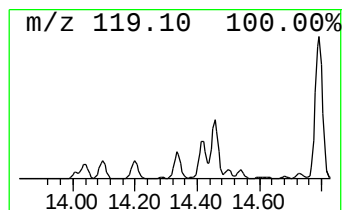
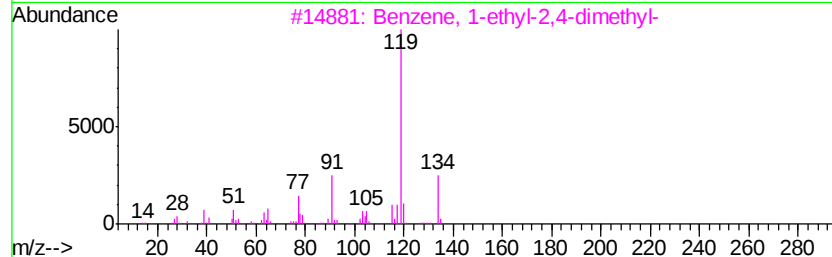
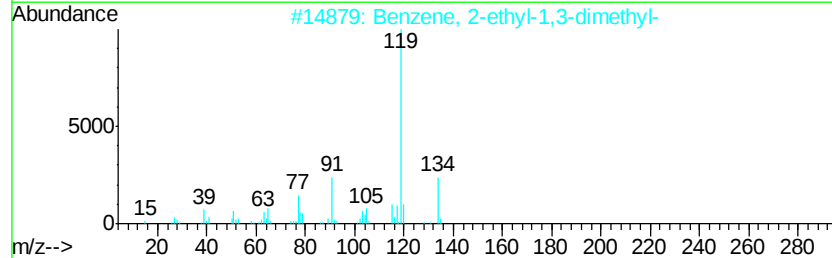
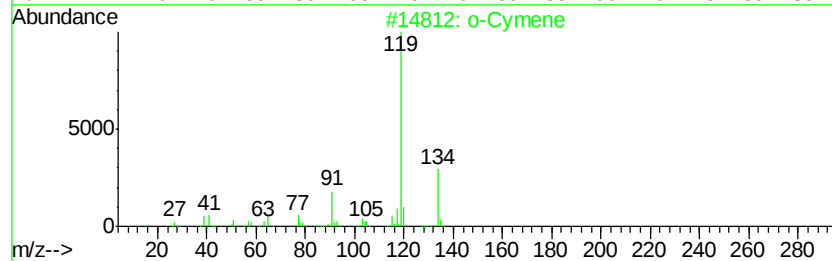
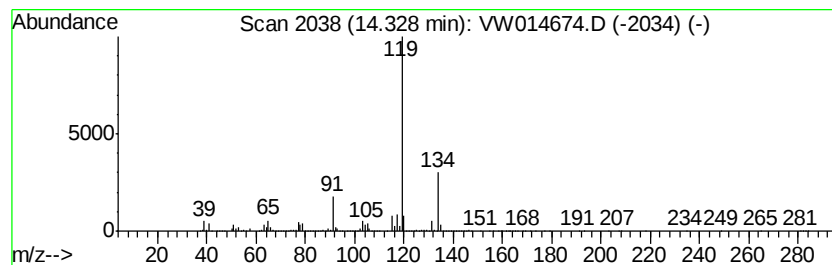
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Quant Title : VOC Analysis

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

Peak Number 12 o-Cymene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.33	41.47 ug/L	4626270	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	o-Cymene	134	C10H14	000527-84-4	94
2		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
3		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
4		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91
5		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011620\
Data File : VW014674.D
Acq On : 16 Jan 2020 16:12
Operator : SY/VA
Sample : L1109-09
Misc : 5.06G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GASG8

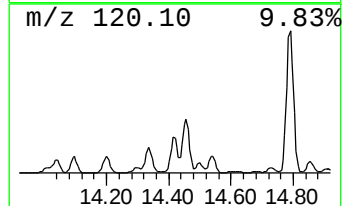
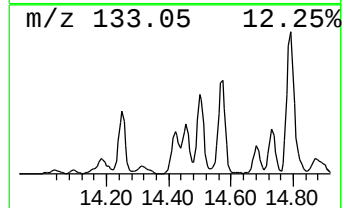
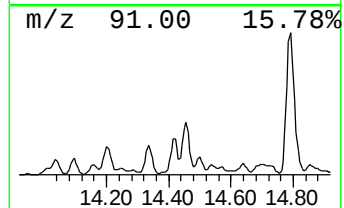
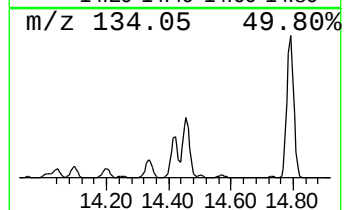
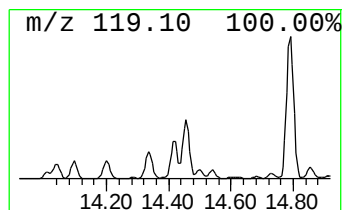
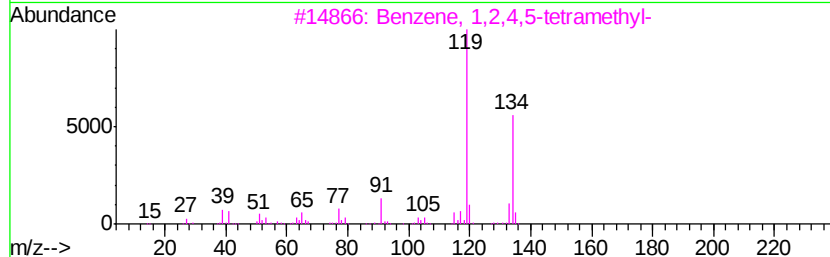
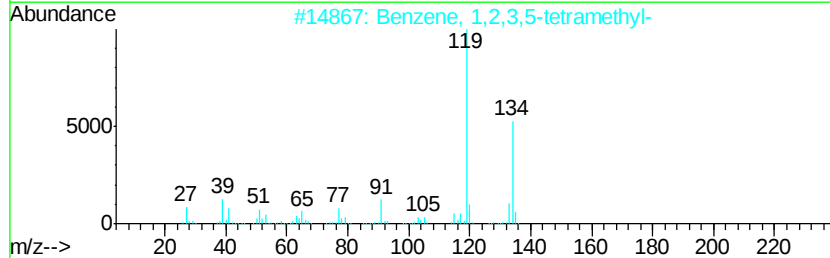
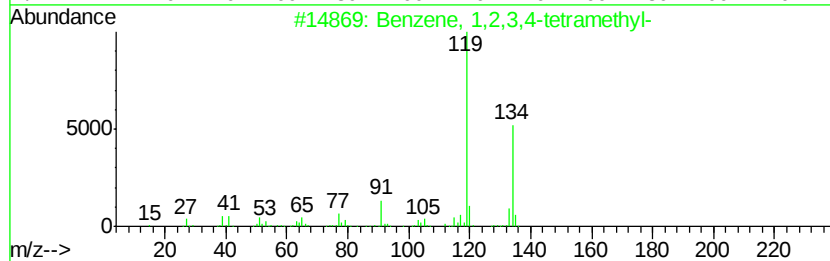
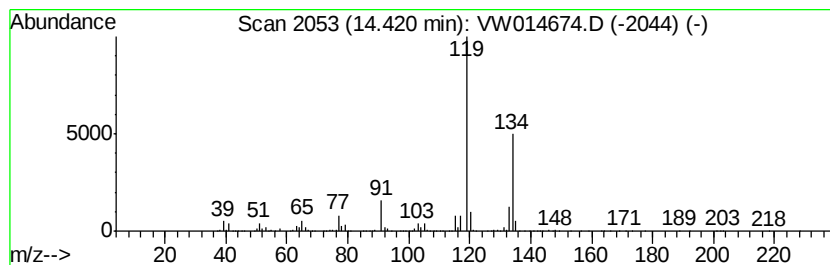
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Quant Title : VOC Analysis

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

Peak Number 13 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.42	67.19 ug/L	7496070	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
2		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
3		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
4		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
5		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011620\
Data File : VW014674.D
Acq On : 16 Jan 2020 16:12
Operator : SY/VA
Sample : L1109-09
Misc : 5.06G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
GASG8

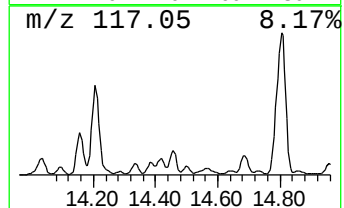
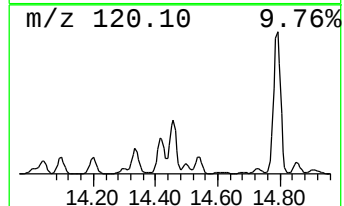
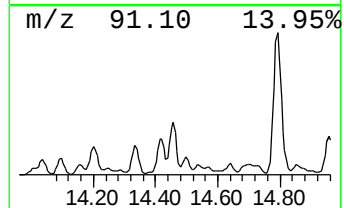
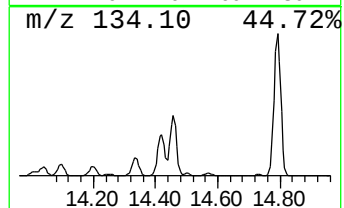
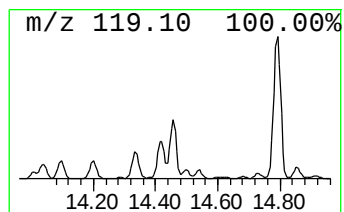
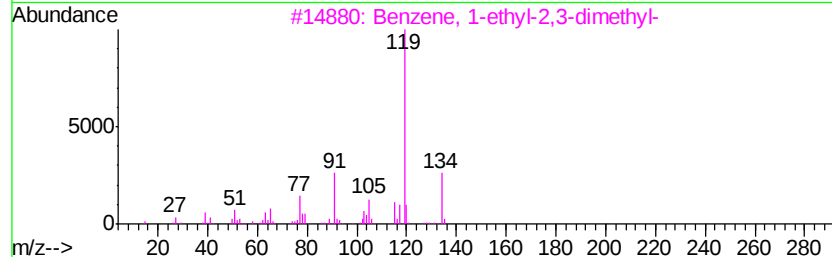
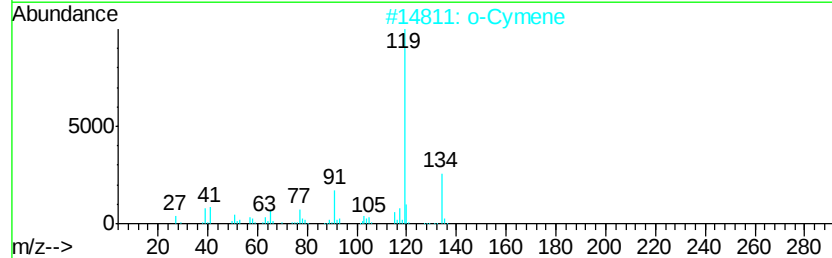
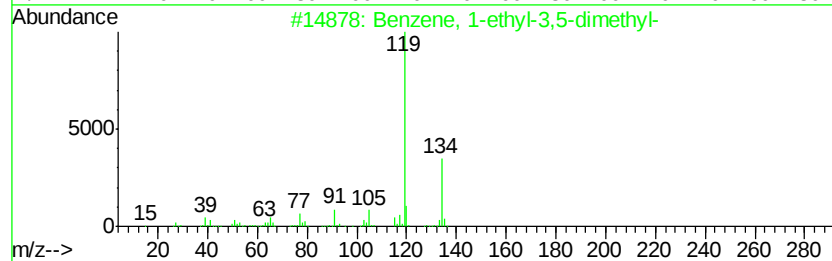
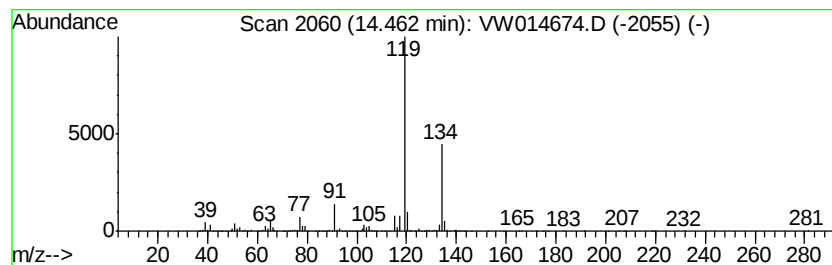
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Quant Title : VOC Analysis

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

Peak Number 14 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.46	87.26 ug/L	9735430	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94
2		o-Cymene	134	C10H14	000527-84-4	94
3		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
4		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
5		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011620\
Data File : VW014674.D
Acq On : 16 Jan 2020 16:12
Operator : SY/VA
Sample : L1109-09
Misc : 5.06G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
GASG8

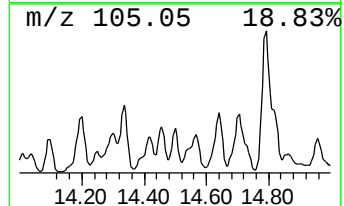
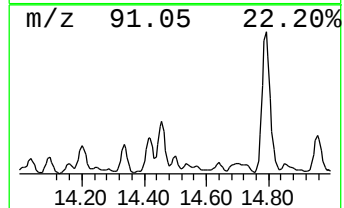
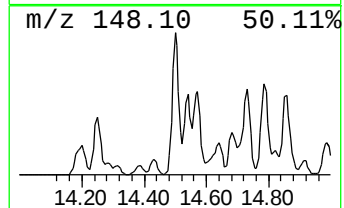
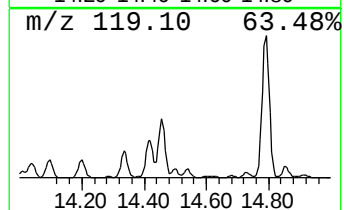
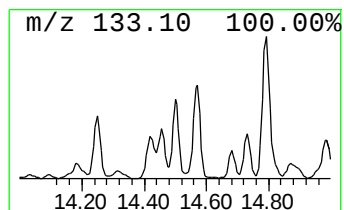
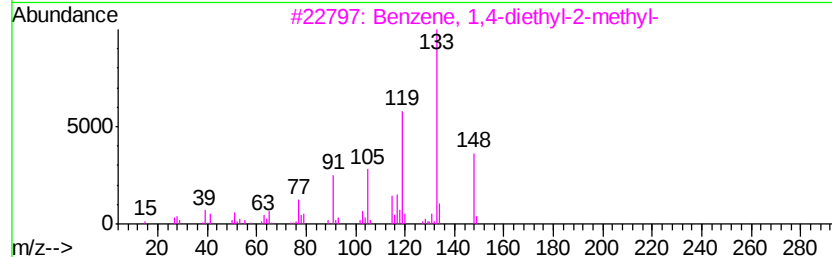
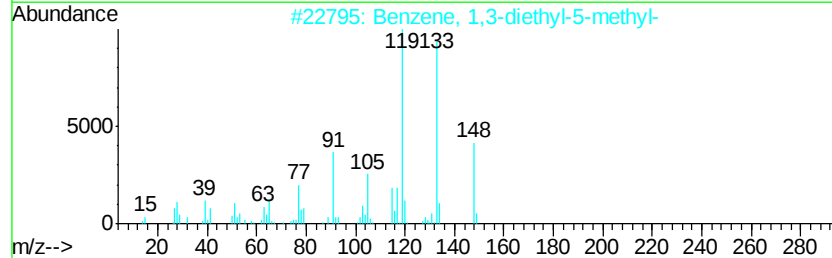
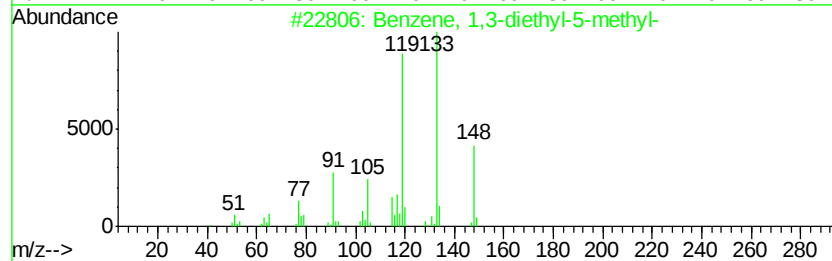
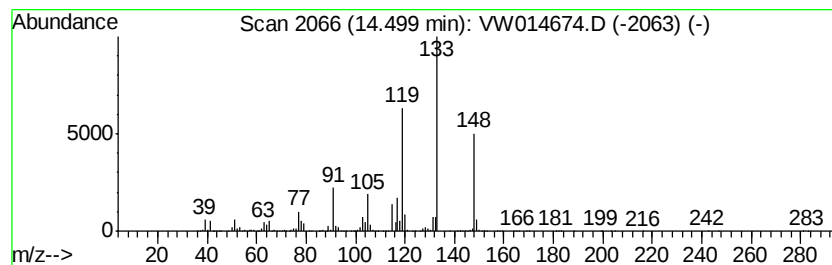
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Quant Title : VOC Analysis

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

Peak Number 15 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.50	17.99 ug/L	2007400	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	95
2		Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	91
3		Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	91
4		Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	91
5		Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011620\
Data File : VW014674.D
Acq On : 16 Jan 2020 16:12
Operator : SY/VA
Sample : L1109-09
Misc : 5.06G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GASG8

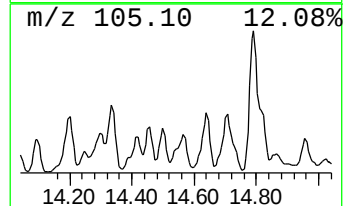
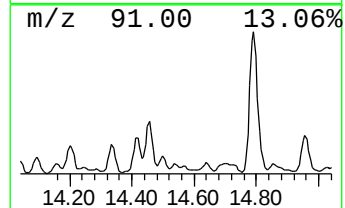
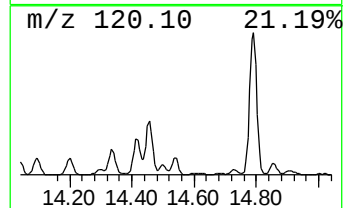
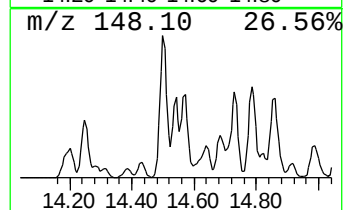
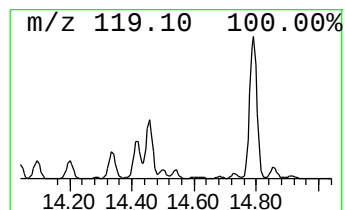
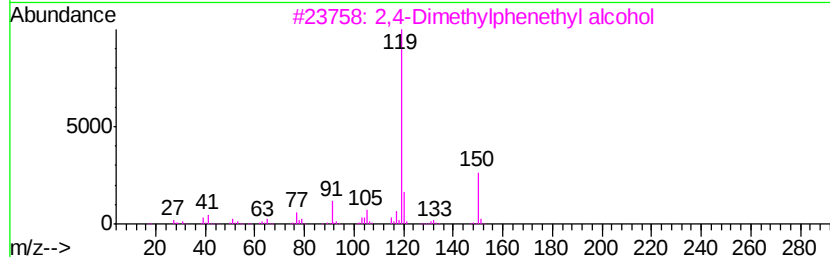
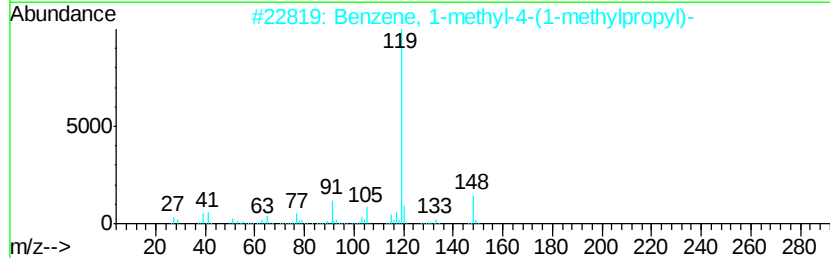
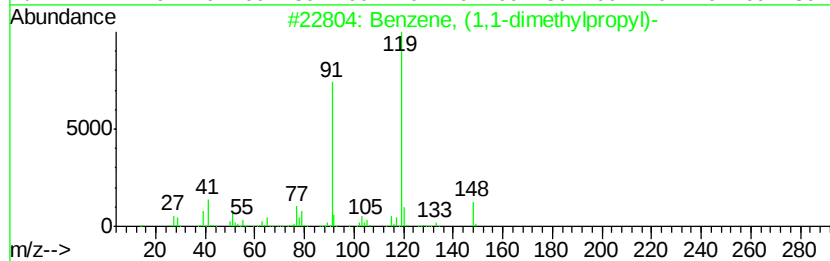
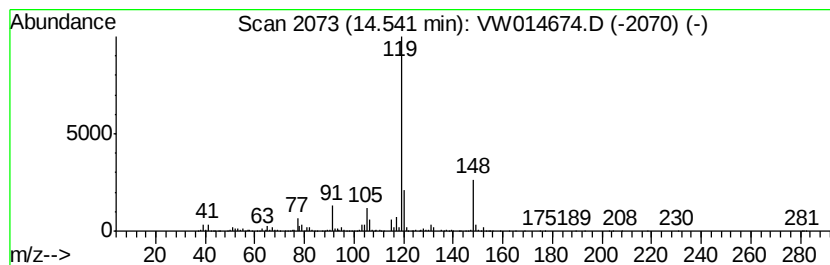
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Quant Title : VOC Analysis

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

Peak Number 16 Benzene, (1,1-dimethylpropyl)- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.54	7.69 ug/L	857906	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	64
2			Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	64
3			2,4-Dimethylphenethyl alcohol	150	C10H14O	006597-59-7	59
4			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	59
5			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011620\
Data File : VW014674.D
Acq On : 16 Jan 2020 16:12
Operator : SY/VA
Sample : L1109-09
Misc : 5.06G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GASG8

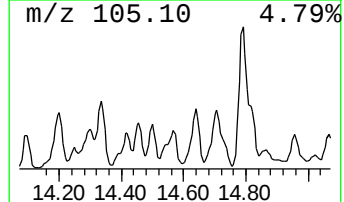
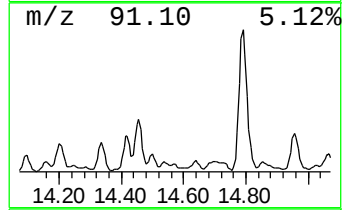
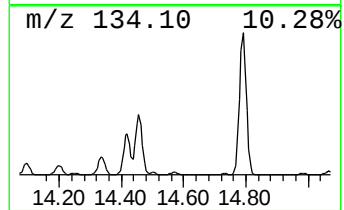
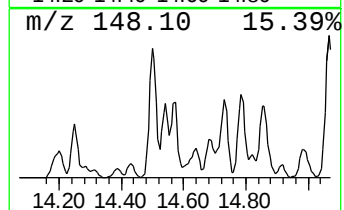
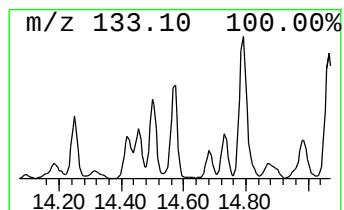
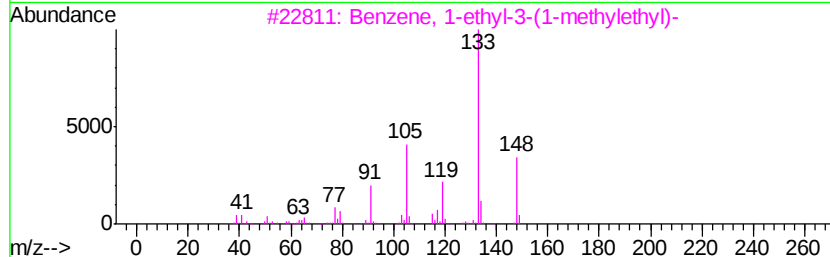
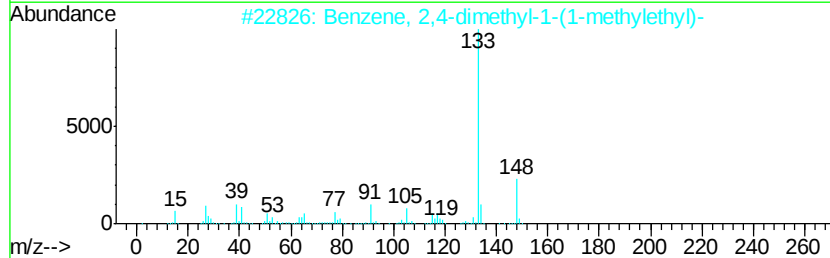
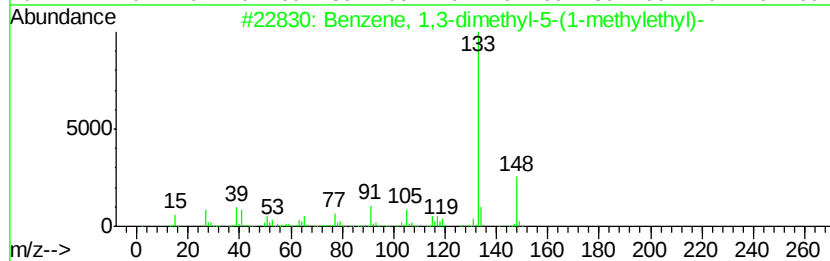
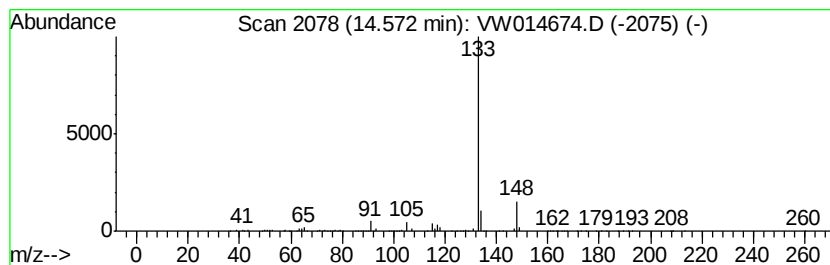
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Quant Title : VOC Analysis

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

Peak Number 17 Benzene, 1,3-dimethyl-5-(1-... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.57	11.08 ug/L	1236090	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	91
2		Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	91
3		Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	90
4		Benzene, pentamethyl-	148	C11H16	000700-12-9	90
5		4-tert-Butyltoluene	148	C11H16	000098-51-1	86



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011620\
Data File : VW014674.D
Acq On : 16 Jan 2020 16:12
Operator : SY/VA
Sample : L1109-09
Misc : 5.06G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GASG8

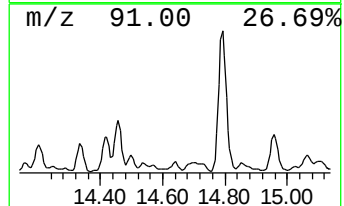
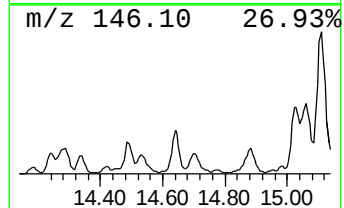
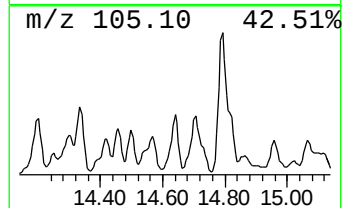
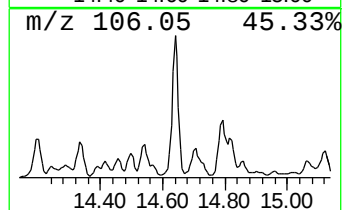
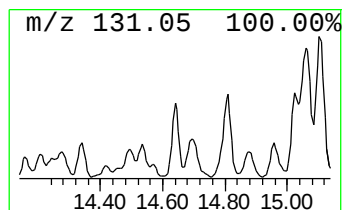
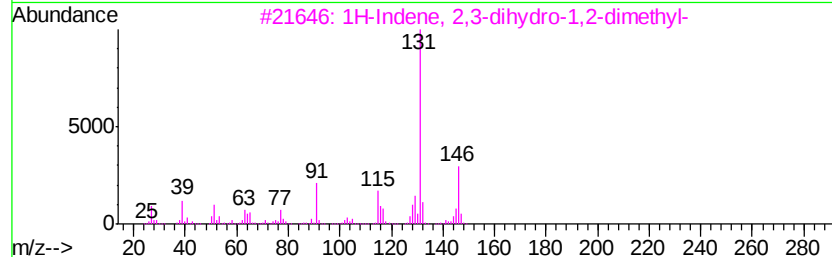
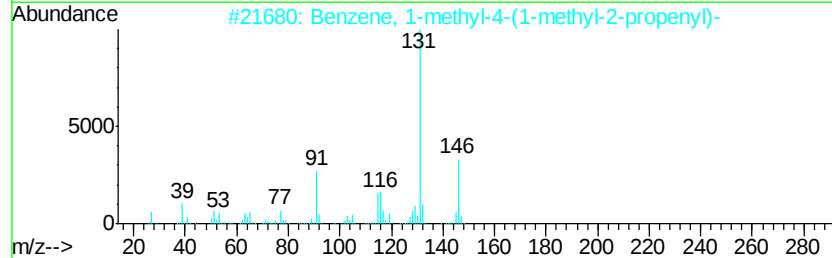
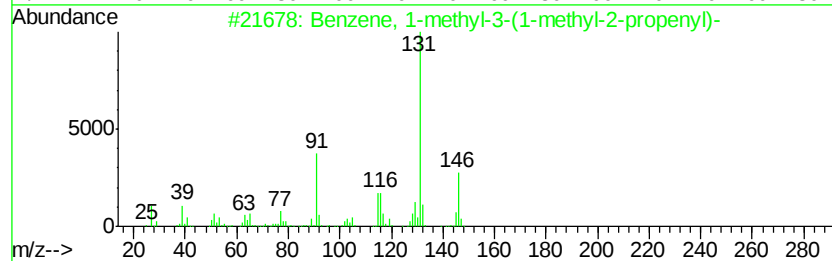
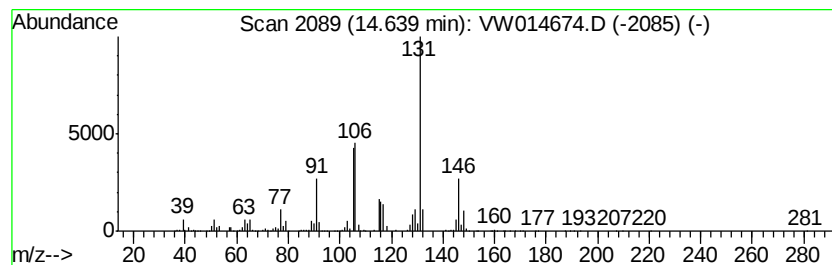
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

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

Peak Number 18 Benzene, 1-methyl-3-(1-meth... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	10.23 ug/L	1141660	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	95
2		Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	93
3		1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	89
4		Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	86
5		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	86



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011620\
Data File : VW014674.D
Acq On : 16 Jan 2020 16:12
Operator : SY/VA
Sample : L1109-09
Misc : 5.06G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

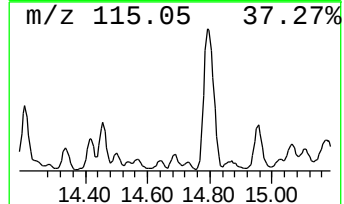
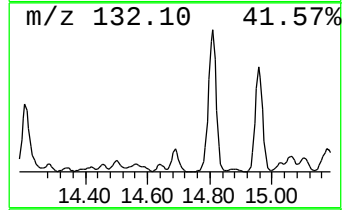
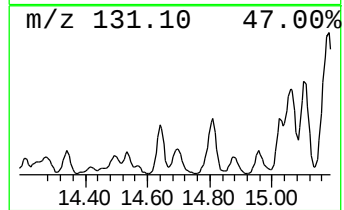
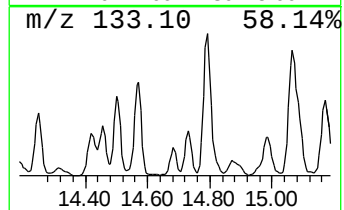
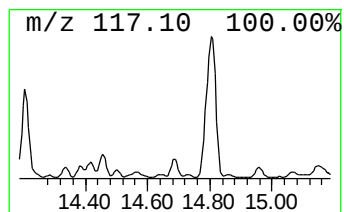
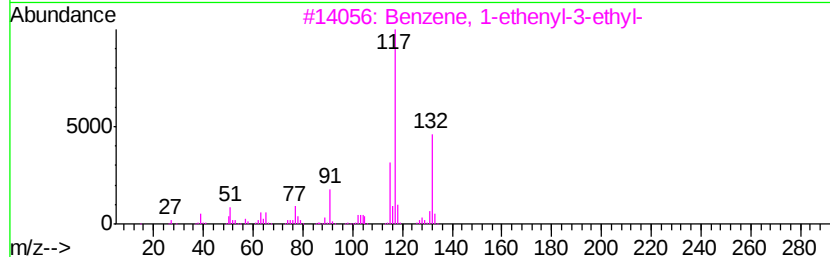
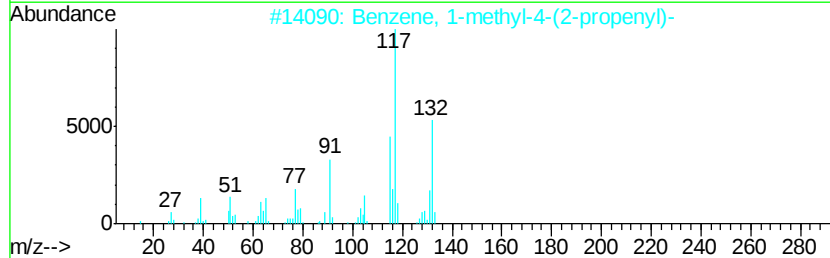
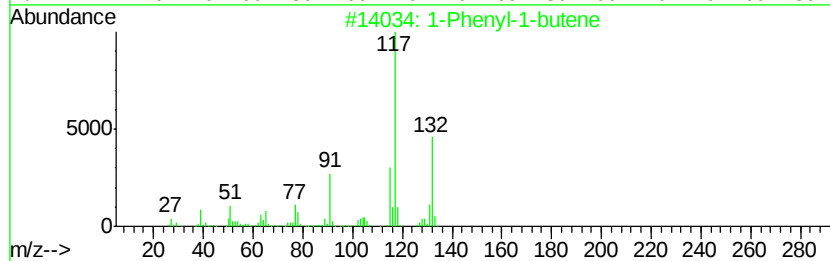
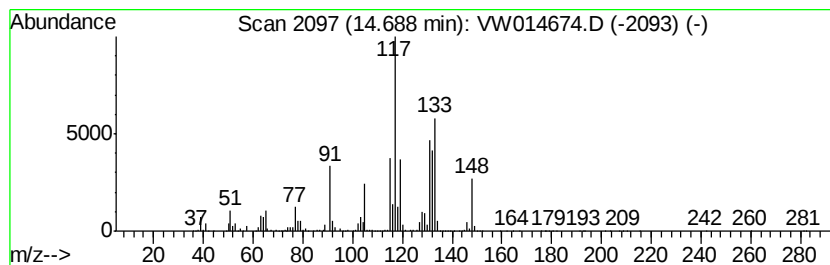
Instrument :
MSVOA_W
ClientSampleId :
GASG8

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

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

Peak Number 19 1-Phenyl-1-butene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.69	15.63 ug/L	1743800	1,4-Dichlorobenzene-d4	13.56	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	55
2	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	55
3	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	55
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	55
5	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011620\
Data File : VW014674.D
Acq On : 16 Jan 2020 16:12
Operator : SY/VA
Sample : L1109-09
Misc : 5.06G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GASG8

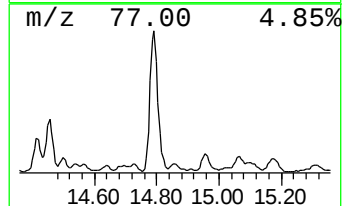
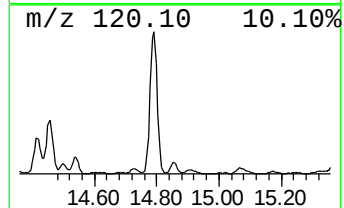
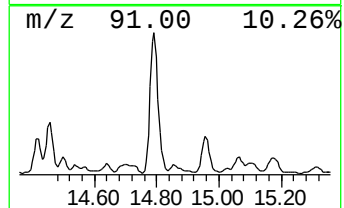
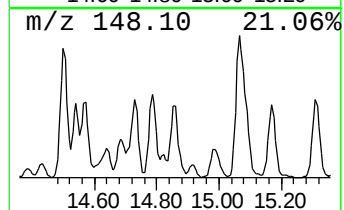
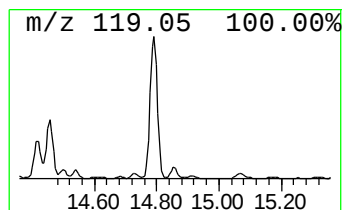
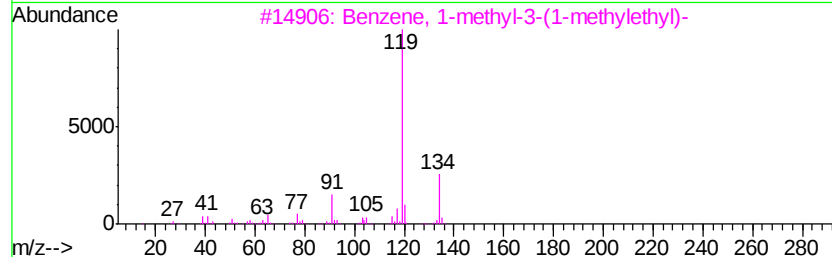
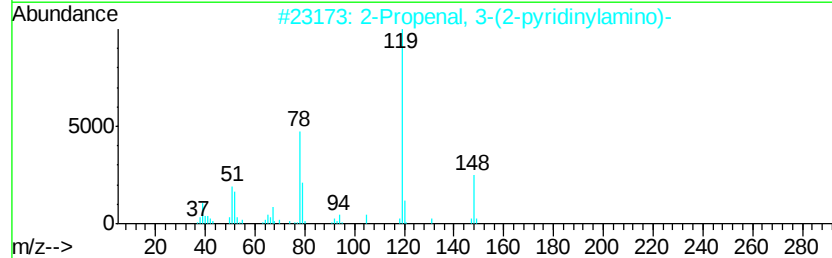
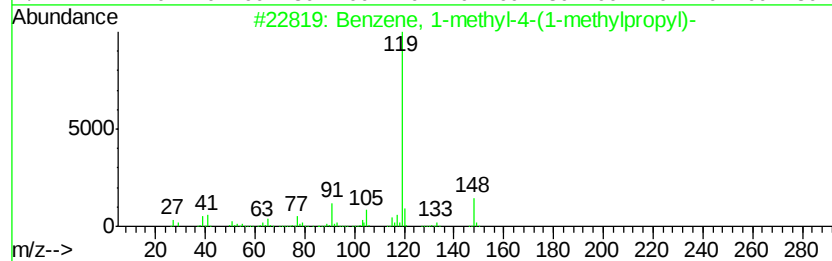
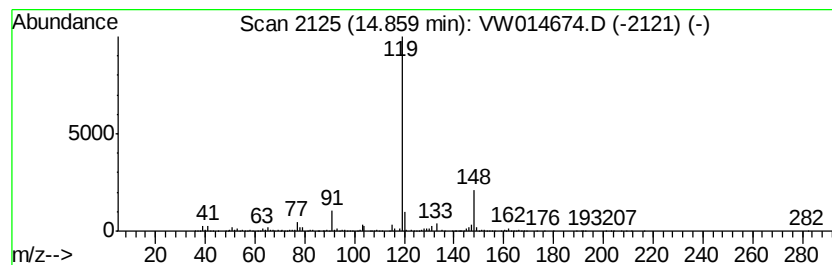
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Quant Title : VOC Analysis

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

Peak Number 22 Benzene, 1-methyl-4-(1-meth... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	16.29 ug/L	1817180	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	86
2		2-Propenal, 3-(2-pyridinylamino)-	148	C8H8N2O	068970-82-1	64
3		Benzene, 1-methyl-3-(1-methylleth...	134	C10H14	000535-77-3	59
4		2-Methylbenzoic acid, 2,3-dichlo...	280	C14H10Cl2O2	1000331-28-3	59
5		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011620\
Data File : VW014674.D
Acq On : 16 Jan 2020 16:12
Operator : SY/VA
Sample : L1109-09
Misc : 5.06G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GASG8

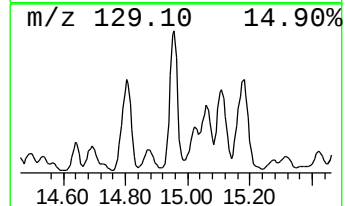
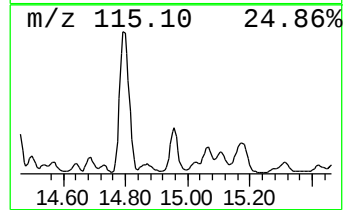
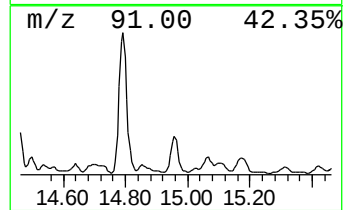
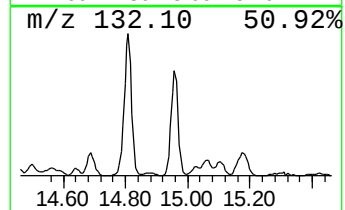
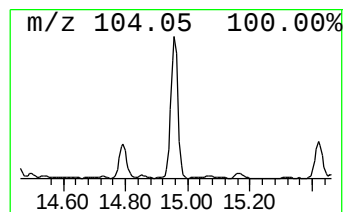
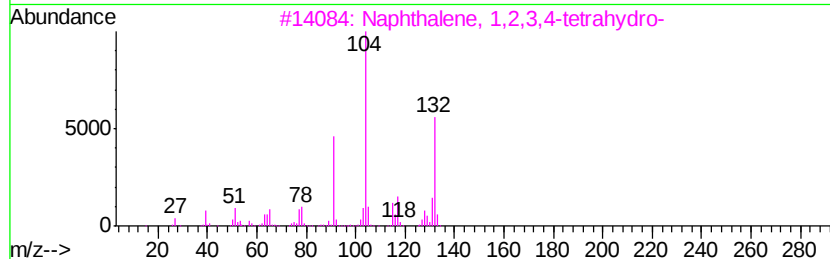
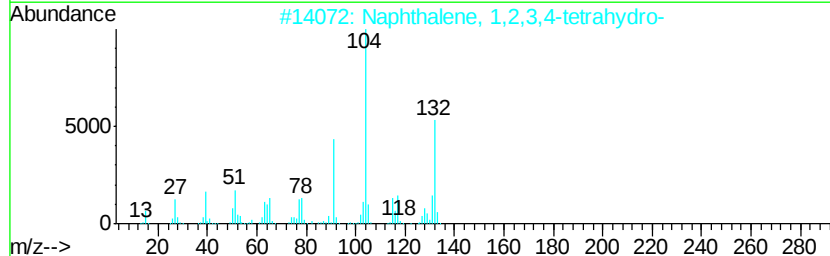
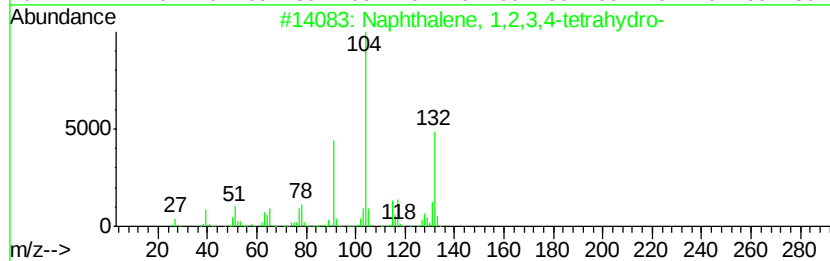
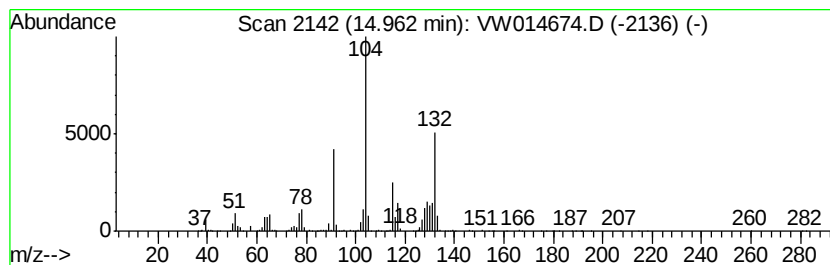
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Quant Title : VOC Analysis

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

Peak Number 23 Naphthalene, 1,2,3,4-tetrahydro... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	40.41 ug/L	4508960	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	95
2		Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	95
3		Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	95
4		Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	95
5		Isoquinoline, 1,2,3,4-tetrahydro...	147	C10H13N	029726-60-1	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011620\
Data File : VW014674.D
Acq On : 16 Jan 2020 16:12
Operator : SY/VA
Sample : L1109-09
Misc : 5.06G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GASG8

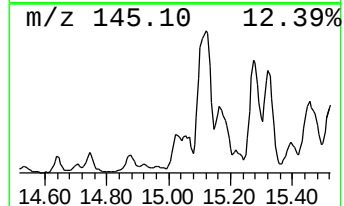
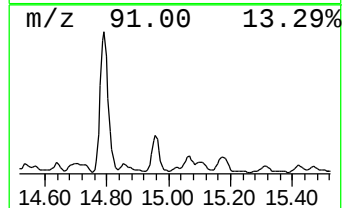
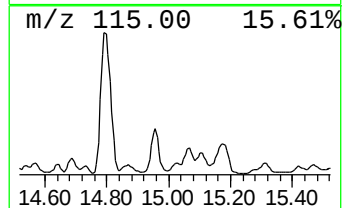
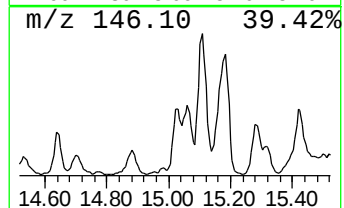
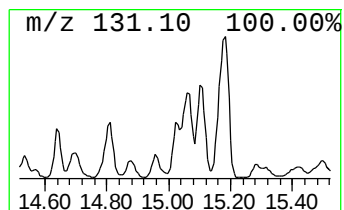
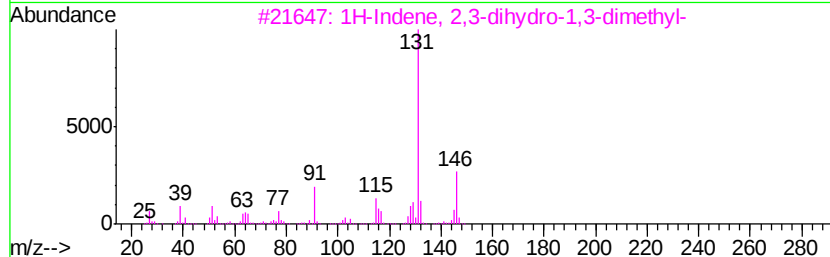
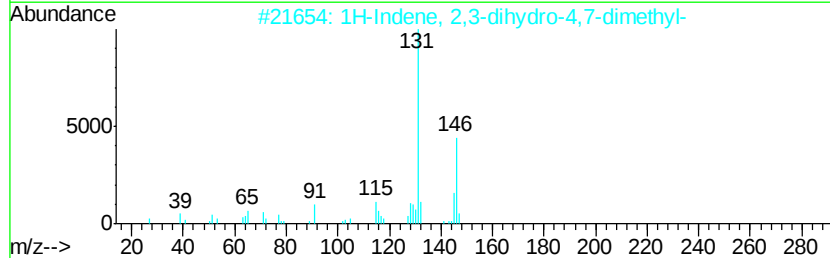
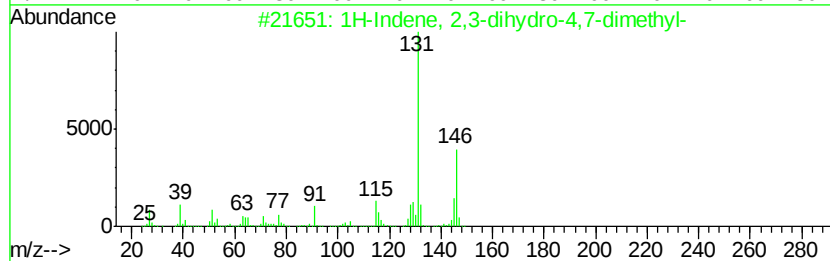
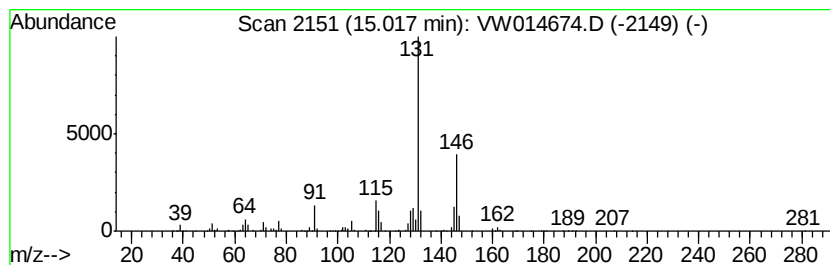
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Quant Title : VOC Analysis

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

Peak Number 24 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.02	5.63 ug/L	627826	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	97
2			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	96
3			1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	95
4			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	94
5			Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011620\
Data File : VW014674.D
Acq On : 16 Jan 2020 16:12
Operator : SY/VA
Sample : L1109-09
Misc : 5.06G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GASG8

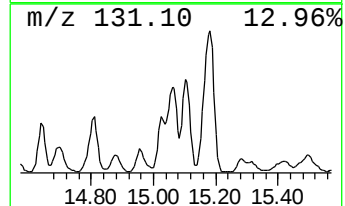
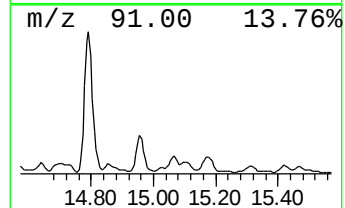
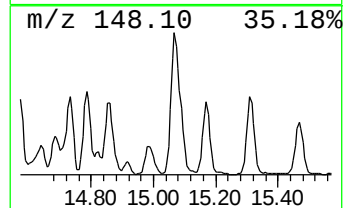
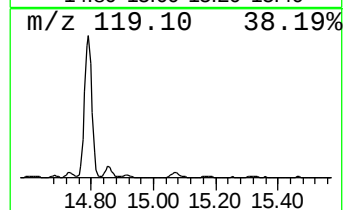
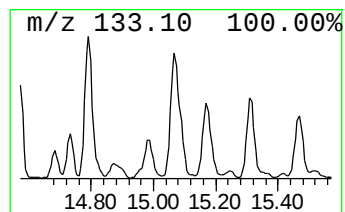
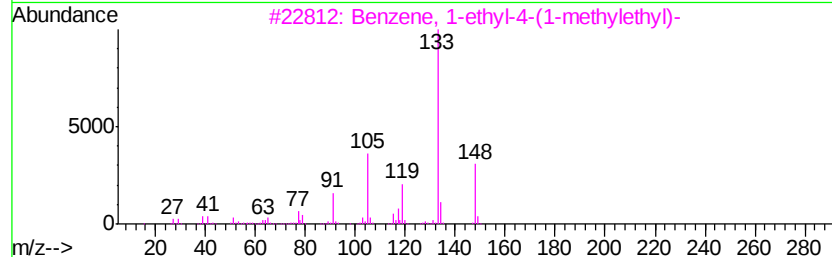
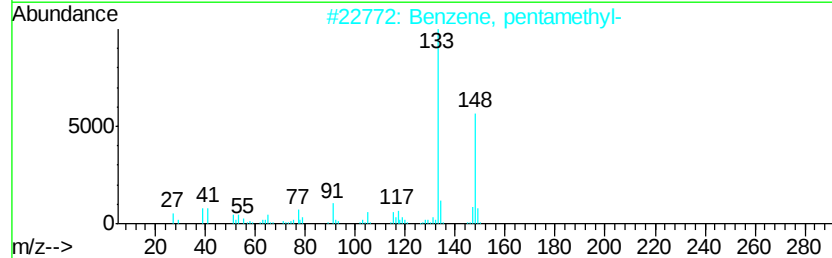
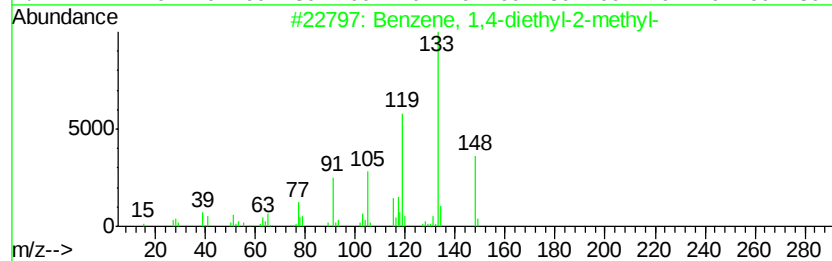
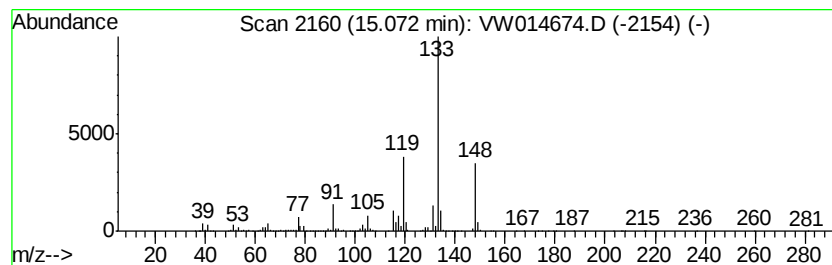
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Quant Title : VOC Analysis

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

Peak Number 25 Benzene, 1,4-diethyl-2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	28.63 ug/L	3194150	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	81
2		Benzene, pentamethyl-	148	C11H16	000700-12-9	76
3		Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	72
4		Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	72
5		Benzene, pentamethyl-	148	C11H16	000700-12-9	70



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011620\
Data File : VW014674.D
Acq On : 16 Jan 2020 16:12
Operator : SY/VA
Sample : L1109-09
Misc : 5.06G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GASG8

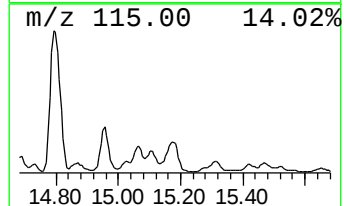
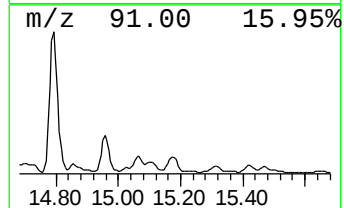
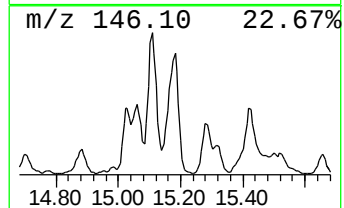
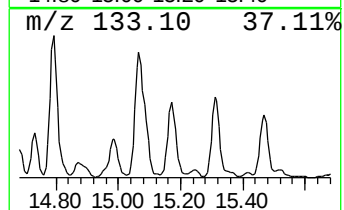
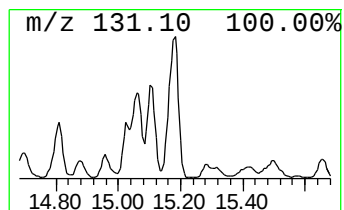
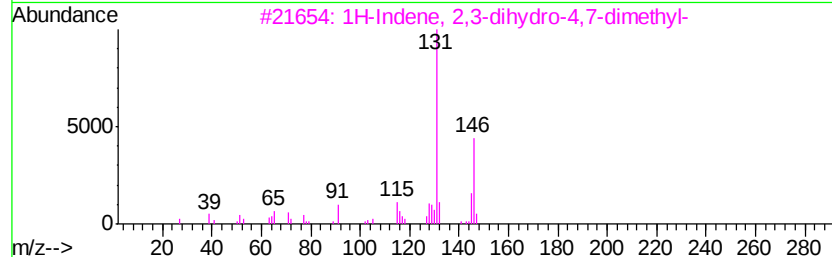
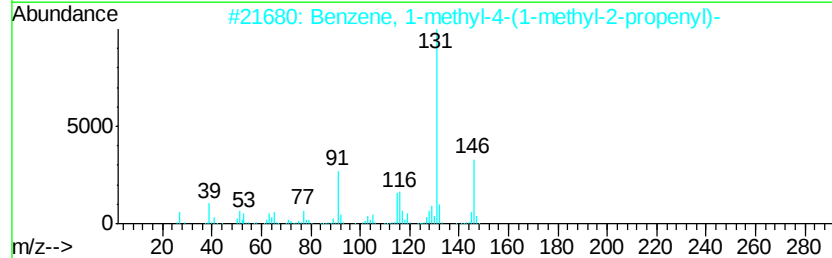
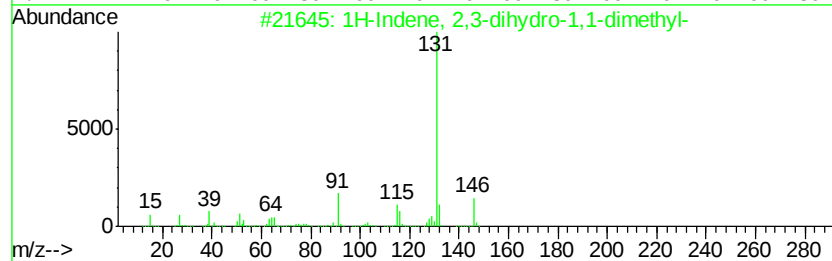
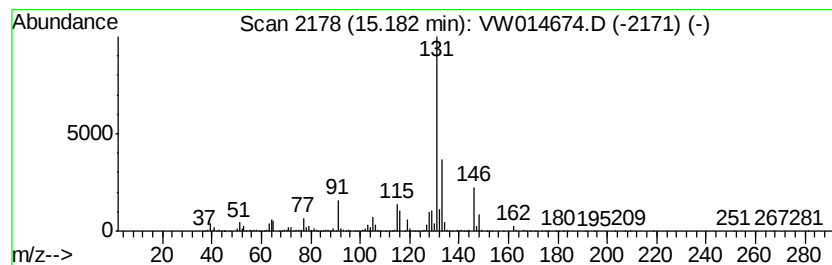
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Quant Title : VOC Analysis

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

Peak Number 26 1H-Indene, 2,3-dihydro-1,1-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.18	45.91 ug/L	5122620	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	92
2		Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	70
3		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	70
4		1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	70
5		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	70



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011620\
Data File : VW014674.D
Acq On : 16 Jan 2020 16:12
Operator : SY/VA
Sample : L1109-09
Misc : 5.06G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GASG8

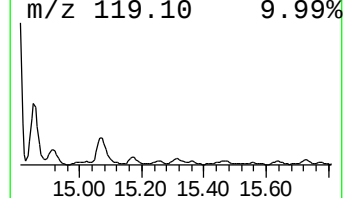
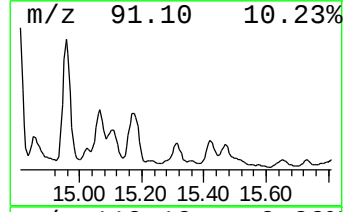
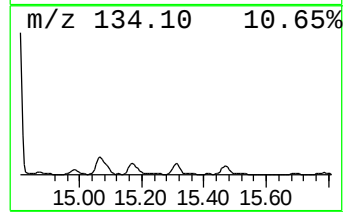
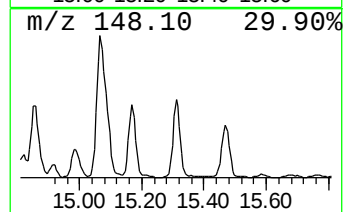
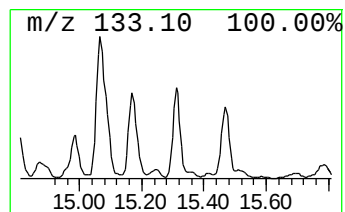
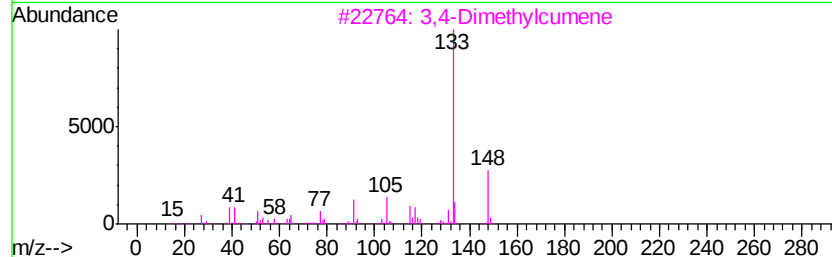
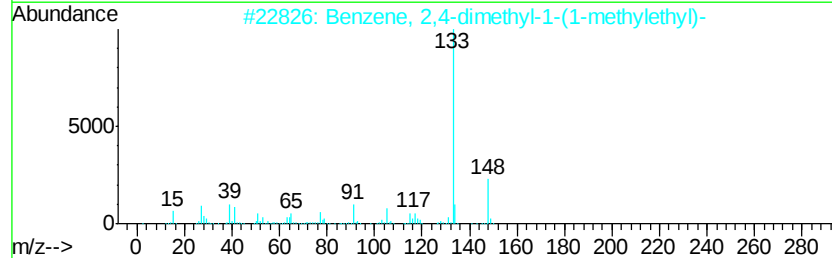
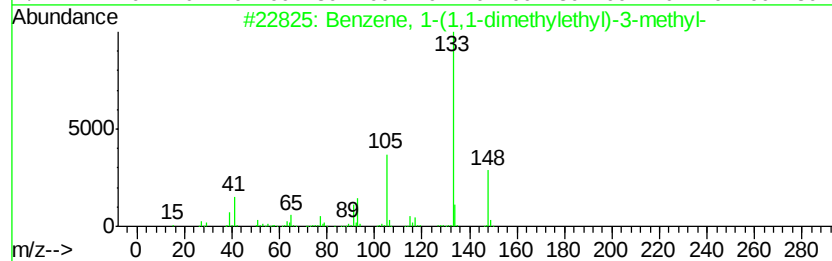
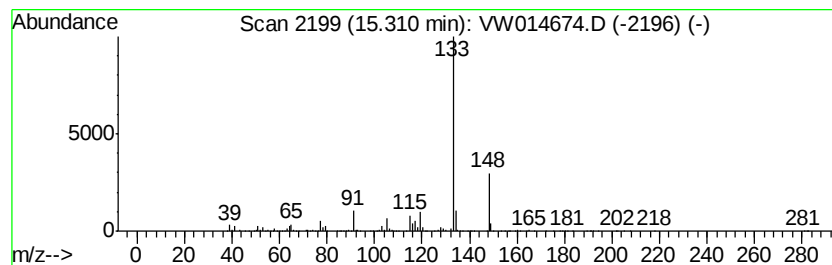
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Quant Title : VOC Analysis

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

Peak Number 27 Benzene, 1-(1,1-dimethyleth... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.31	15.19 ug/L	1694770	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-(1,1-dimethylethyl)-3-methyl-	148	C11H16	001075-38-3	87
2		Benzene, 2,4-dimethyl-1-(1-methylethyl)-	148	C11H16	004706-89-2	87
3		3,4-Dimethylcumene	148	C11H16	1000370-34-1	86
4		Benzene, 1,3-dimethyl-5-(1-methylethyl)-	148	C11H16	004706-90-5	86
5		Benzene, pentamethyl-	148	C11H16	000700-12-9	83



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011620\
Data File : VW014674.D
Acq On : 16 Jan 2020 16:12
Operator : SY/VA
Sample : L1109-09
Misc : 5.06G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

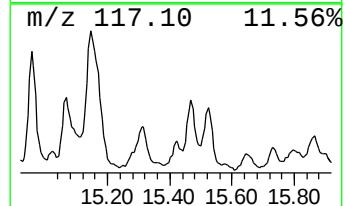
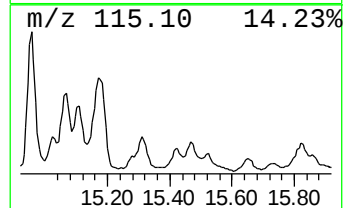
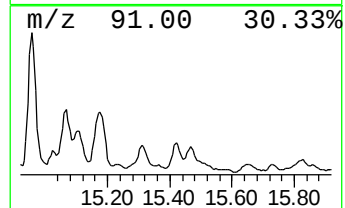
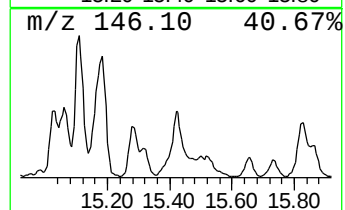
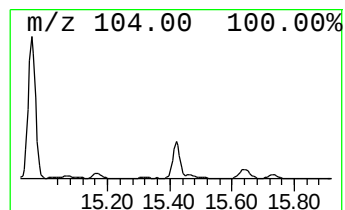
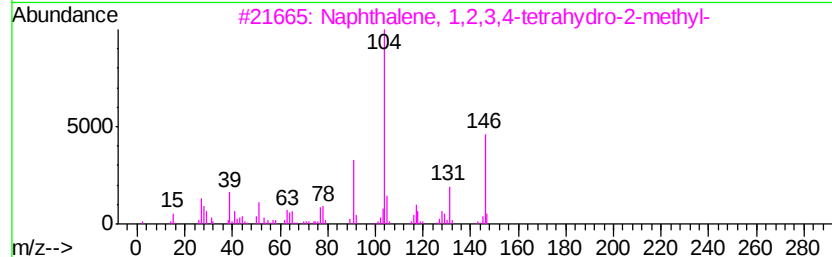
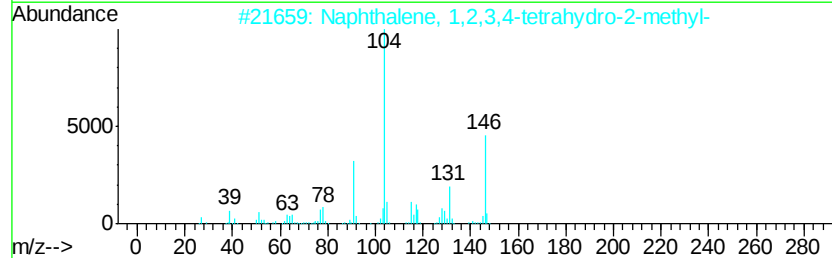
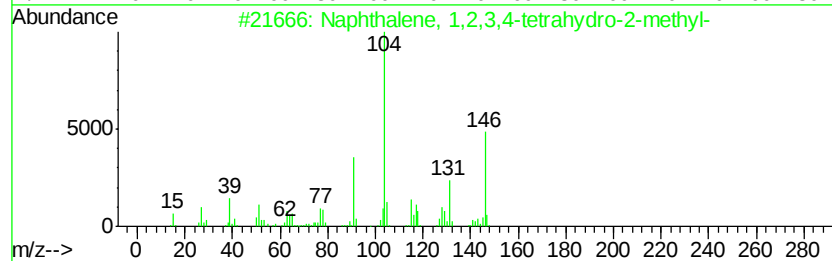
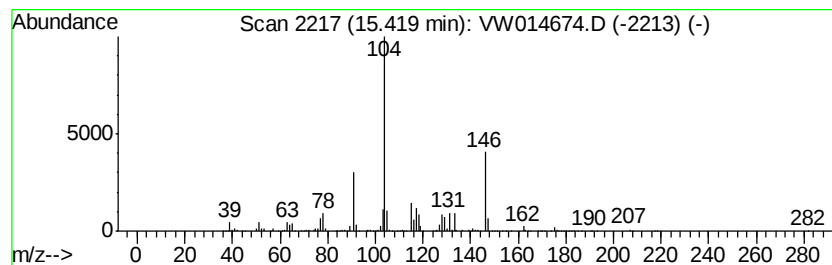
Instrument :
MSVOA_W
ClientSampled :
GASG8

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

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

Peak Number 28 Naphthalene, 1,2,3,4-tetra... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.42	8.52 ug/L	950216	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,2,3,4-tetrahydro-...	146 C11H14	003877-19-8 91
2		Naphthalene, 1,2,3,4-tetrahydro-...	146 C11H14	003877-19-8 91
3		Naphthalene, 1,2,3,4-tetrahydro-...	146 C11H14	003877-19-8 87
4		2(1H)-Naphthalenone, 3,4-dihydro-	146 C10H10O	000530-93-8 68
5		Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146 C10H10O	002461-34-9 64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011620\
Data File : VW014674.D
Acq On : 16 Jan 2020 16:12
Operator : SY/VA
Sample : L1109-09
Misc : 5.06G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

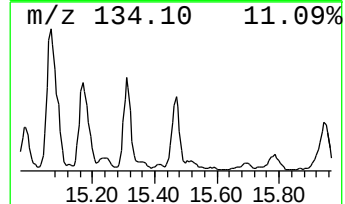
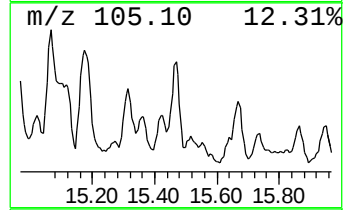
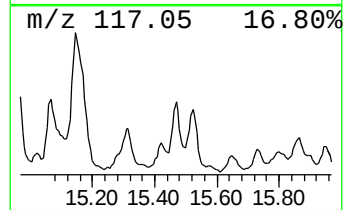
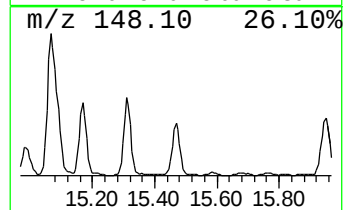
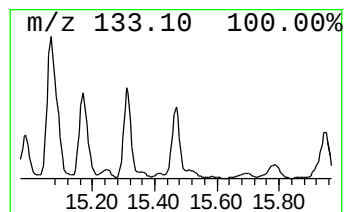
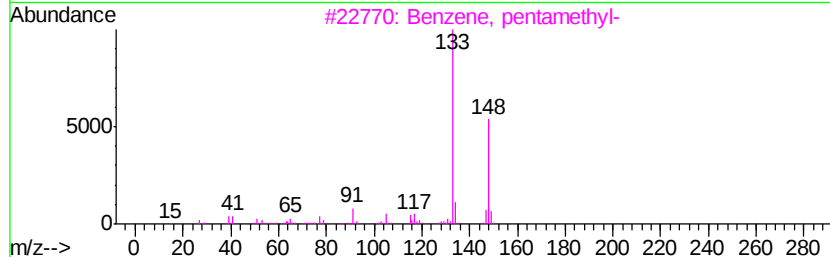
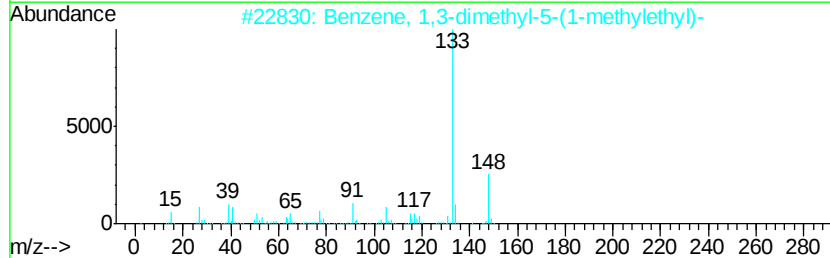
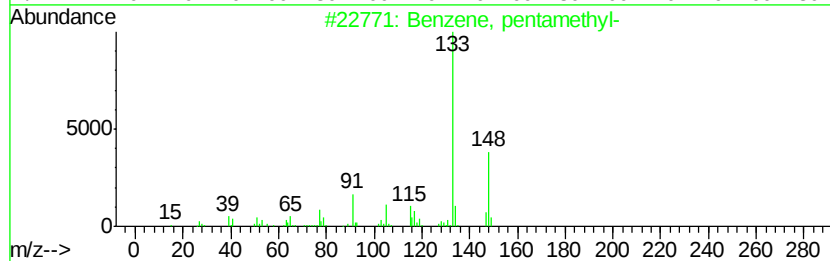
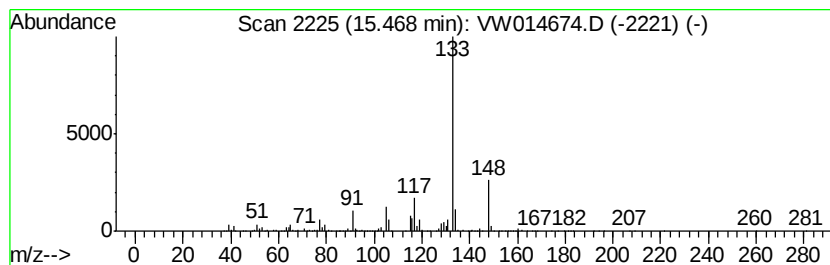
Instrument :
MSVOA_W
ClientSampleId :
GASG8

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

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

Peak Number 29 Benzene, pentamethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.47	20.39 ug/L	2275220	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, pentamethyl-	148 C11H16	000700-12-9 91
2		Benzene, 1,3-dimethyl-5-(1-methy...	148 C11H16	004706-90-5 87
3		Benzene, pentamethyl-	148 C11H16	000700-12-9 86
4		Benzene, pentamethyl-	148 C11H16	000700-12-9 83
5		Benzene, 1,3-dimethyl-5-(1-methy...	148 C11H16	004706-90-5 83



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011620\
Data File : VW014674.D
Acq On : 16 Jan 2020 16:12
Operator : SY/VA
Sample : L1109-09
Misc : 5.06G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GASG8

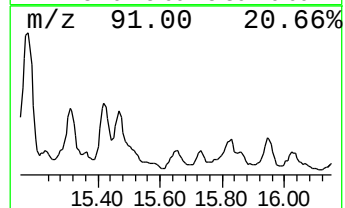
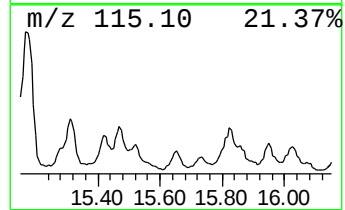
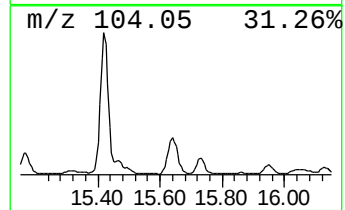
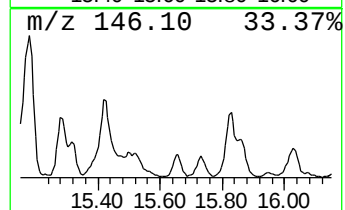
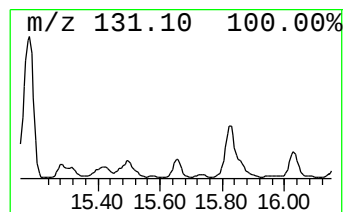
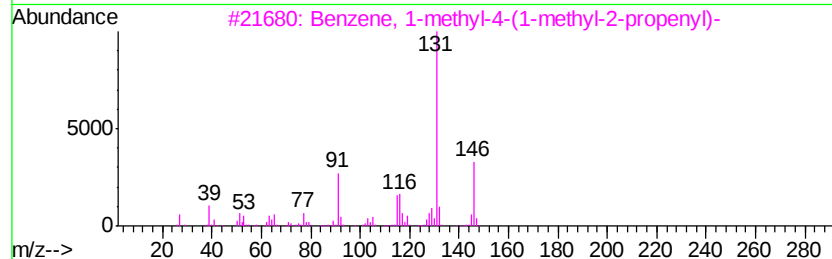
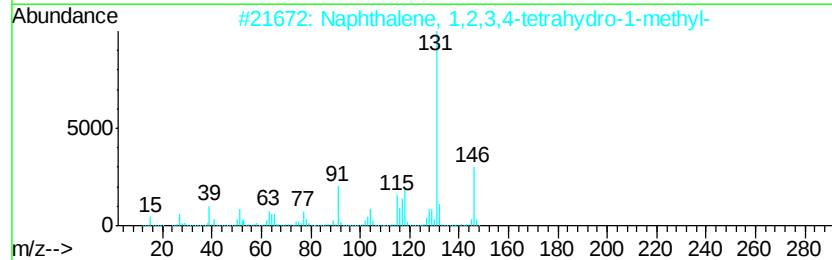
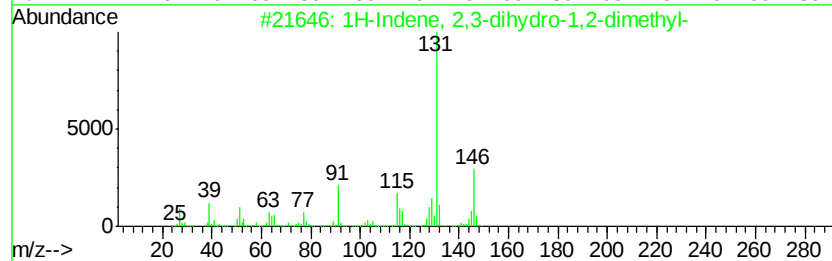
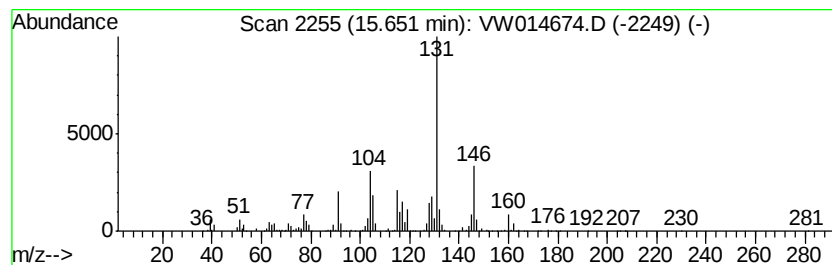
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Quant Title : VOC Analysis

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

Peak Number 30 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.65	7.88 ug/L	878633	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	91
2		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	91
3		Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	81
4		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	81
5		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	81



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011620\
Data File : VW014674.D
Acq On : 16 Jan 2020 16:12
Operator : SY/VA
Sample : L1109-09
Misc : 5.06G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GASG8

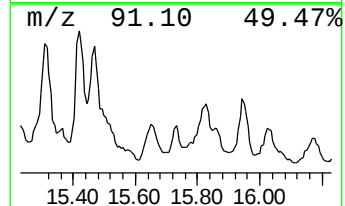
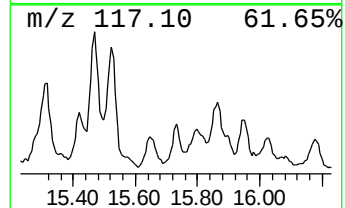
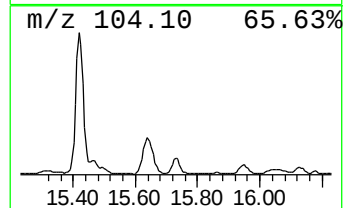
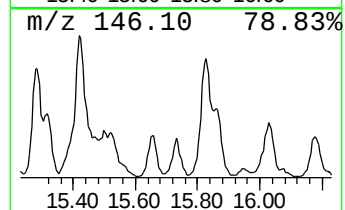
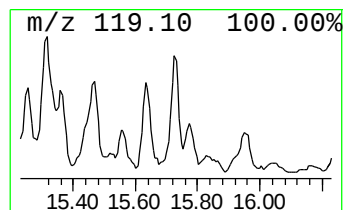
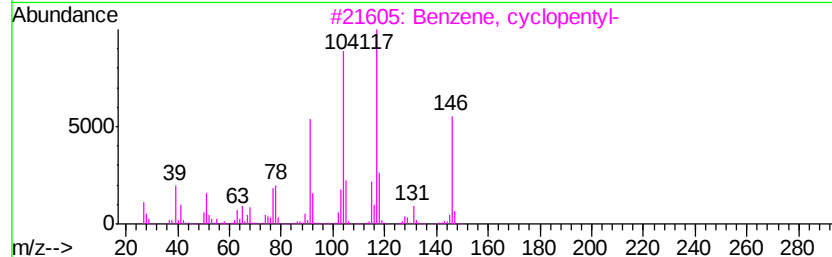
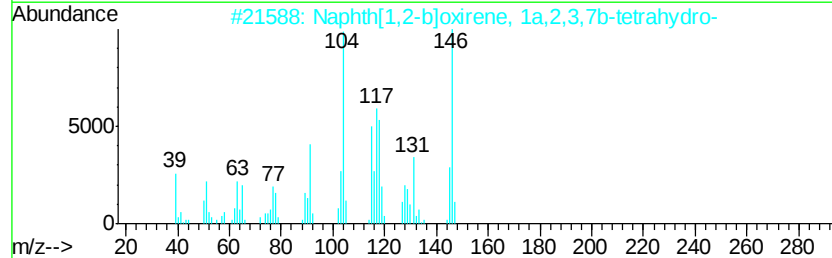
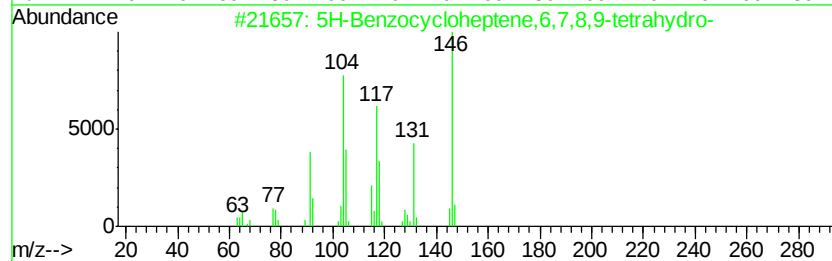
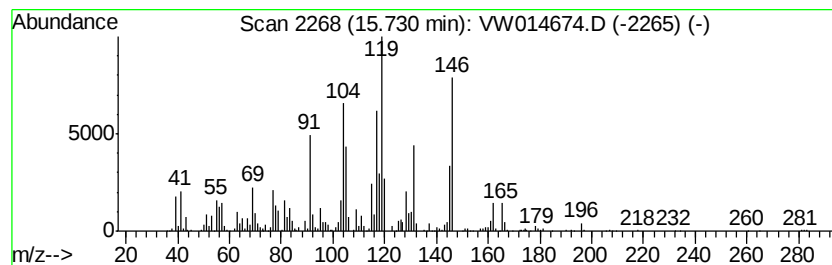
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Quant Title : VOC Analysis

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

Peak Number 31 5H-Benzocycloheptene,6,7,8,... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	3.02 ug/L	336506	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5H-Benzocycloheptene,6,7,8,9-tet...	146	C11H14	001075-16-7	92
2		Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	52
3		Benzene, cyclopentyl-	146	C11H14	000700-88-9	43
4		2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1000189-31-0	38
5		1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011620\
Data File : VW014674.D
Acq On : 16 Jan 2020 16:12
Operator : SY/VA
Sample : L1109-09
Misc : 5.06G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

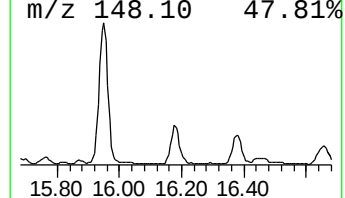
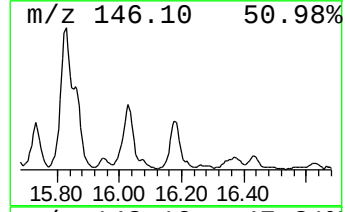
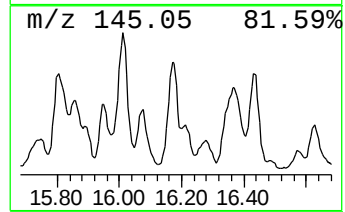
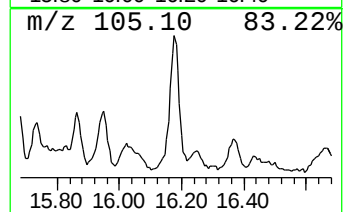
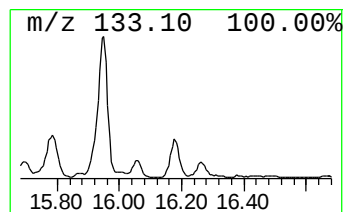
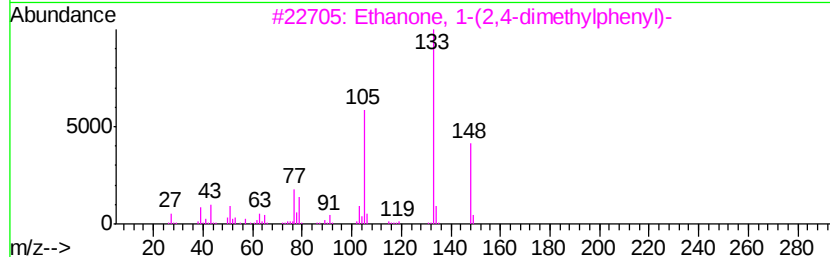
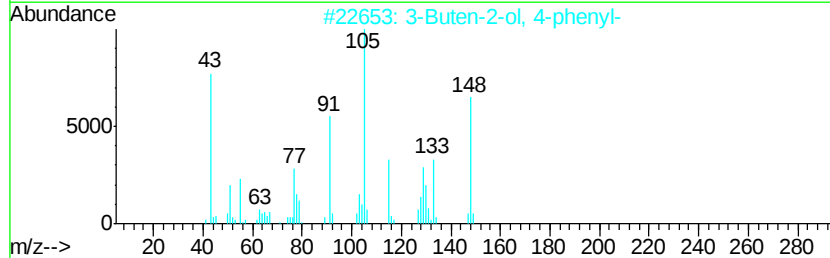
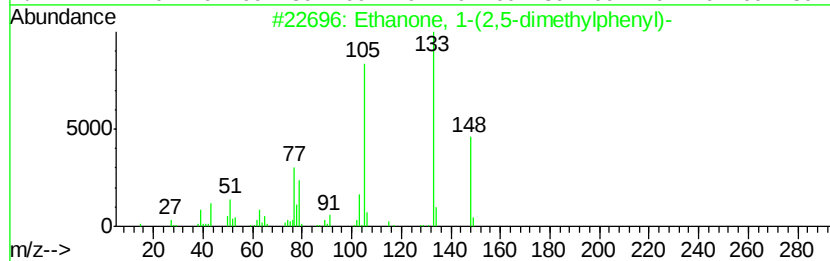
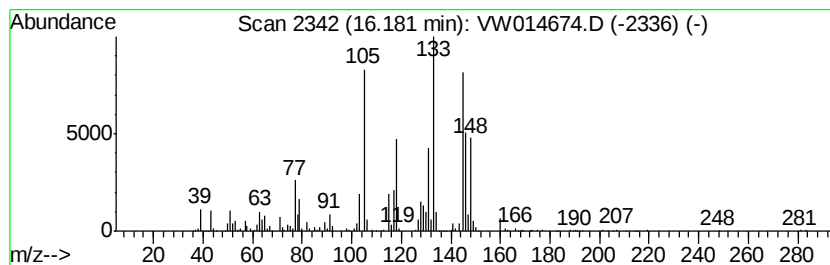
Instrument :
MSVOA_W
ClientSampleId :
GASG8

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

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

Peak Number 33 Ethanone, 1-(2,5-dimethylph... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.18	8.06 ug/L	898957	1,4-Dichlorobenzene-d4	13.56	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(2,5-dimethylphenyl)-	148	C10H12O	002142-73-6	55
2	3-Buten-2-ol, 4-phenyl-	148	C10H12O	017488-65-2	53
3	Ethanone, 1-(2,4-dimethylphenyl)-	148	C10H12O	000089-74-7	38
4	Ethanone, 1-(2,5-dimethylphenyl)-	148	C10H12O	002142-73-6	38
5	Ethanone, 1-(2,4-dimethylphenyl)-	148	C10H12O	000089-74-7	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011620\
Data File : VW014674.D
Acq On : 16 Jan 2020 16:12
Operator : SY/VA
Sample : L1109-09
Misc : 5.06G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GASG8

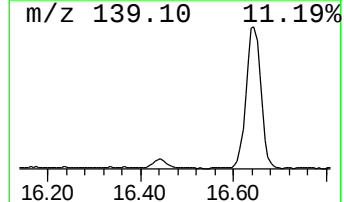
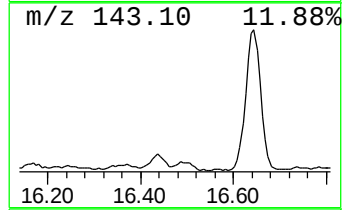
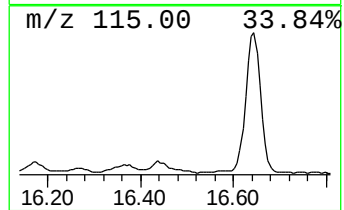
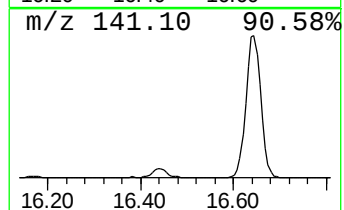
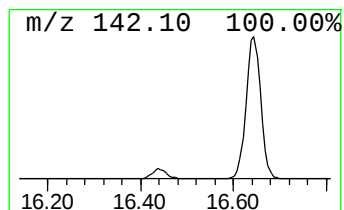
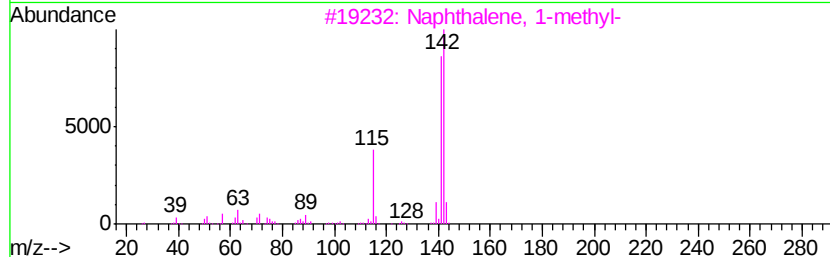
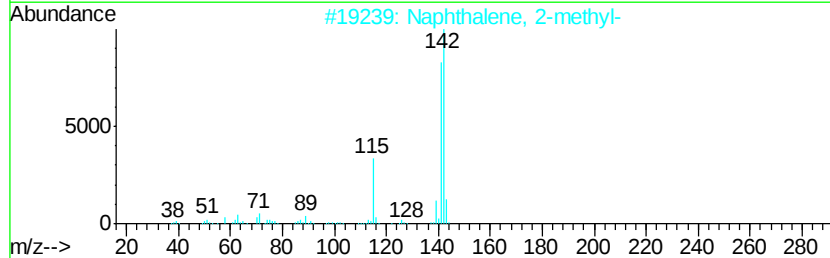
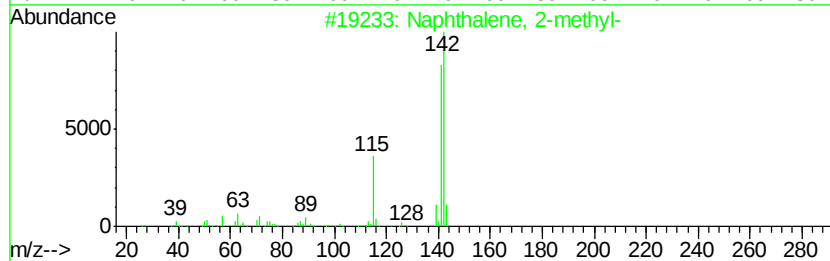
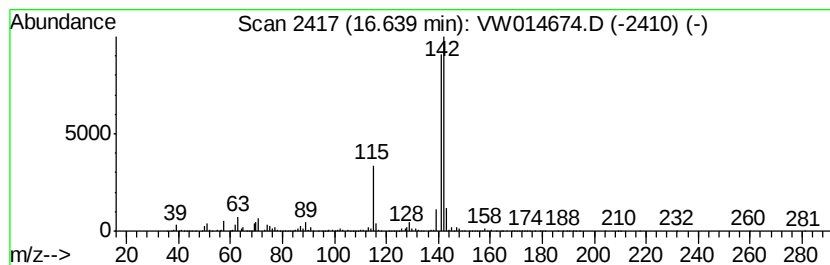
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Quant Title : VOC Analysis

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

Peak Number 34 Naphthalene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.64	45.66 ug/L	5094210	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
3		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
4		Benzocycloheptatriene	142	C11H10	000264-09-5	94
5		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW011620\
 Data File : VW014674.D
 Acq On : 16 Jan 2020 16:12
 Operator : SY/VA
 Sample : L1109-09
 Misc : 5.06G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GASG8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.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
unknown-01	10.04	8.2	ug/L	225030	1	8.84	683123	25.0
unknown-02	11.06	2.2	ug/L	62852	2	11.63	719172	25.0
Benzene, cyclopro...	13.30	3.8	ug/L	426003	3	13.56	2789250	25.0
Benzene, 2-ethyl-...	13.79	16.3	ug/L	1823580	3	13.56	2789250	25.0
Benzene, 1-propynyl-	13.94	4.2	ug/L	466965	3	13.56	2789250	25.0
Benzene, 1-ethyl-...	14.10	25.7	ug/L	2867410	3	13.56	2789250	25.0
1H-Indene, 2,3-di...	14.16	18.2	ug/L	2034040	3	13.56	2789250	25.0
Benzene, (1-methy...	14.20	48.9	ug/L	5456690	3	13.56	2789250	25.0
Benzene, 2,4-dime...	14.25	6.0	ug/L	669722	3	13.56	2789250	25.0
o-Cymene	14.33	41.5	ug/L	4626270	3	13.56	2789250	25.0
Benzene, 1,2,3,4-...	14.42	67.2	ug/L	7496070	3	13.56	2789250	25.0
Benzene, 1-ethyl-...	14.46	87.3	ug/L	9735430	3	13.56	2789250	25.0
Benzene, 1,3-diet...	14.50	18.0	ug/L	2007400	3	13.56	2789250	25.0
Benzene, (1,1-dim...	14.54	7.7	ug/L	857906	3	13.56	2789250	25.0
Benzene, 1,3-dime...	14.57	11.1	ug/L	1236090	3	13.56	2789250	25.0
Benzene, 1-methyl...	14.64	10.2	ug/L	1141660	3	13.56	2789250	25.0
1-Phenyl-1-butene	14.69	15.6	ug/L	1743800	3	13.56	2789250	25.0
Benzene, 1-methyl...	14.86	16.3	ug/L	1817180	3	13.56	2789250	25.0
Naphthalene, 1,2,...	14.96	40.4	ug/L	4508960	3	13.56	2789250	25.0
1H-Indene, 2,3-di...	15.02	5.6	ug/L	627826	3	13.56	2789250	25.0
Benzene, 1,4-diet...	15.07	28.6	ug/L	3194150	3	13.56	2789250	25.0
1H-Indene, 2,3-di...	15.18	45.9	ug/L	5122620	3	13.56	2789250	25.0
Benzene, 1-(1,1-d...	15.31	15.2	ug/L	1694770	3	13.56	2789250	25.0
Naphthalene, 1,2,...	15.42	8.5	ug/L	950216	3	13.56	2789250	25.0
Benzene, pentamet...	15.47	20.4	ug/L	2275220	3	13.56	2789250	25.0
1H-Indene, 2,3-di...	15.65	7.9	ug/L	878633	3	13.56	2789250	25.0
5H-Benzocyclohept...	15.73	3.0	ug/L	336506	3	13.56	2789250	25.0
Ethanone, 1-(2,5-...	16.18	8.1	ug/L	898957	3	13.56	2789250	25.0
Naphthalene, 1-me...	16.64	45.7	ug/L	5094210	3	13.56	2789250	25.0