

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW111320\
 Data File : VW017204.D
 Acq On : 13 Nov 2020 11:31
 Operator : SY/VA
 Sample : L4727-03RE
 Misc : 5.43G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AB8RE

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\SOM2WLM110420S.M
 Title : VOC Analysis

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.154	36	41	47	rBV4	4450	9170	0.74%	0.052%
2	2.355	67	74	83	rVB	91496	169219	13.73%	0.959%
3	2.891	154	162	174	rBV	67445	165453	13.42%	0.937%
4	3.263	220	223	227	rVB	336	478	0.04%	0.003%
5	3.379	237	242	243	rBV2	567	773	0.06%	0.004%
6	4.019	334	347	362	rBV	141269	426861	34.63%	2.419%
7	4.391	405	408	409	rVV2	594	623	0.05%	0.004%
8	4.409	409	411	414	rVV2	925	1544	0.13%	0.009%
9	4.434	414	415	426	rVB4	1216	2218	0.18%	0.013%
10	4.915	484	494	512	rVB3	14372	50066	4.06%	0.284%
11	5.117	525	527	530	rBV2	360	421	0.03%	0.002%
12	5.562	596	600	603	rBV	222	363	0.03%	0.002%
13	5.665	615	617	621	rVB2	293	419	0.03%	0.002%
14	5.714	621	625	627	rBV2	242	321	0.03%	0.002%
15	5.946	654	663	672	rVV5	6983	20630	1.67%	0.117%
16	6.561	761	764	768	rVB2	204	305	0.02%	0.002%
17	6.854	806	812	815	rBV2	176	417	0.03%	0.002%
18	6.921	819	823	825	rBV4	282	427	0.03%	0.002%
19	6.994	832	835	840	rVB4	288	479	0.04%	0.003%
20	7.080	840	849	853	rBV	27098	68358	5.55%	0.387%
21	7.647	931	942	961	rVB	214785	527744	42.81%	2.990%
22	7.945	986	991	995	rBV3	842	1371	0.11%	0.008%
23	8.275	1034	1045	1061	rBV2	398053	1197886	97.17%	6.787%
24	8.841	1128	1138	1149	rBV	440516	865169	70.18%	4.902%
25	9.085	1171	1178	1182	rBV5	1553	2973	0.24%	0.017%
26	9.274	1200	1209	1229	rVB	255087	529240	42.93%	2.999%
27	9.415	1229	1232	1234	rBV2	277	322	0.03%	0.002%
28	9.671	1265	1274	1278	rBV5	765	1700	0.14%	0.010%
29	9.756	1282	1288	1294	rVB5	1567	2965	0.24%	0.017%
30	9.896	1304	1311	1318	rVB5	3637	7865	0.64%	0.045%
31	10.036	1324	1334	1346	rBV	136733	247418	20.07%	1.402%
32	10.152	1352	1353	1357	rVB2	405	355	0.03%	0.002%
33	10.213	1357	1363	1368	rBV2	3398	7052	0.57%	0.040%
34	10.323	1374	1381	1389	rBV	501627	886875	71.94%	5.025%

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Integration Parameters: LSCINT.P

Integrator: RTE
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 Title : VOC Analysis

35	10.390	1389	1392	1397	rVB	6620	10444	0.85%	0.059%
36	10.518	1405	1413	1416	rBV5	785	1821	0.15%	0.010%
37	10.579	1416	1423	1436	rVV	83283	144154	11.69%	0.817%
38	10.707	1436	1444	1451	rVV2	40611	74750	6.06%	0.424%
39	10.762	1451	1453	1463	rVB5	899	1884	0.15%	0.011%
40	10.859	1463	1469	1474	rBV5	3197	5961	0.48%	0.034%
41	10.926	1474	1480	1493	rVV	102747	174707	14.17%	0.990%
42	11.067	1496	1503	1514	rVB	30352	50173	4.07%	0.284%
43	11.146	1514	1516	1518	rBV2	466	374	0.03%	0.002%
44	11.176	1518	1521	1526	rVB5	981	1205	0.10%	0.007%
45	11.231	1526	1530	1536	rVB5	1029	1648	0.13%	0.009%
46	11.323	1542	1545	1547	rBV2	637	695	0.06%	0.004%
47	11.347	1547	1549	1552	rVB2	453	370	0.03%	0.002%
48	11.439	1557	1564	1572	rVB2	17663	30629	2.48%	0.174%
49	11.554	1581	1583	1587	rVB3	453	489	0.04%	0.003%
50	11.634	1587	1596	1609	rBV	455136	782080	63.44%	4.431%
51	11.731	1609	1612	1615	rBV3	833	1066	0.09%	0.006%
52	11.768	1615	1618	1621	rVB4	1471	2097	0.17%	0.012%
53	11.841	1621	1630	1633	rBV4	4000	8391	0.68%	0.048%
54	11.878	1633	1636	1647	rVB9	2714	7175	0.58%	0.041%
55	11.981	1647	1653	1655	rBV6	1238	2292	0.19%	0.013%
56	12.036	1660	1662	1665	rVB2	734	691	0.06%	0.004%
57	12.127	1673	1677	1678	rBV	3587	4128	0.33%	0.023%
58	12.243	1691	1696	1701	rVB7	2608	5175	0.42%	0.029%
59	12.292	1701	1704	1705	rBV3	707	643	0.05%	0.004%
60	12.365	1707	1716	1722	rVV8	7215	22780	1.85%	0.129%
61	12.463	1726	1732	1737	rVB7	3620	9260	0.75%	0.052%
62	12.609	1750	1756	1762	rVB	66743	104692	8.49%	0.593%
63	12.694	1763	1770	1776	rBV	170129	280607	22.76%	1.590%
64	12.780	1779	1784	1791	rVB3	25045	46087	3.74%	0.261%
65	12.865	1791	1798	1801	rBV5	7830	17031	1.38%	0.096%
66	12.944	1805	1811	1824	rVB2	62623	134826	10.94%	0.764%
67	13.103	1831	1837	1844	rVB2	27842	55995	4.54%	0.317%
68	13.255	1857	1862	1866	rBV	43711	75909	6.16%	0.430%
69	13.389	1879	1884	1888	rBV4	13658	29755	2.41%	0.169%
70	13.560	1906	1912	1921	rBV	251932	431908	35.04%	2.447%
71	13.652	1924	1927	1931	rVB2	12832	16703	1.35%	0.095%

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Integration Parameters: LSCINT.P

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72	13.700	1931	1935	1939	rBV3	23101	42069	3.41%	0.238%
73	13.755	1940	1944	1946	rBV3	46409	68028	5.52%	0.385%
74	13.792	1946	1950	1955	rVB	86002	131706	10.68%	0.746%
75	13.853	1955	1960	1970	rVB	219415	451342	36.61%	2.557%
76	13.950	1972	1976	1980	rBV	34847	52383	4.25%	0.297%
77	14.011	1982	1986	1989	rBV2	99962	158688	12.87%	0.899%
78	14.097	1997	2000	2007	rVB	133479	201091	16.31%	1.139%
79	14.164	2007	2011	2013	rBV2	21645	35465	2.88%	0.201%
80	14.206	2013	2018	2022	rVV2	132917	220033	17.85%	1.247%
81	14.255	2023	2026	2034	rVB3	54584	119195	9.67%	0.675%
82	14.341	2035	2040	2043	rBV2	55920	94407	7.66%	0.535%
83	14.383	2043	2047	2050	rVV3	85324	135475	10.99%	0.768%
84	14.420	2050	2053	2056	rVV	147437	234294	19.01%	1.328%
85	14.456	2056	2059	2063	rVV	236113	356960	28.96%	2.023%
86	14.499	2063	2066	2069	rVV	71739	104025	8.44%	0.589%
87	14.548	2069	2074	2081	rVB5	156145	310033	25.15%	1.757%
88	14.688	2093	2097	2101	rBV4	106710	177671	14.41%	1.007%
89	14.731	2102	2104	2109	rVB2	101939	136460	11.07%	0.773%
90	14.798	2109	2115	2122	rBV2	400517	954691	77.45%	5.409%
91	14.859	2122	2125	2130	rBV2	88056	181246	14.70%	1.027%
92	14.975	2139	2144	2151	rBV3	78958	253722	20.58%	1.438%
93	15.066	2154	2159	2163	rBV3	302951	615090	49.90%	3.485%
94	15.176	2172	2177	2184	rVB2	353134	773273	62.73%	4.381%
95	15.657	2252	2256	2262	rBV2	171891	322799	26.19%	1.829%
96	15.950	2300	2304	2309	rVB2	288208	478211	38.79%	2.710%
97	16.017	2310	2315	2321	rBV4	246359	627911	50.94%	3.558%
98	16.169	2335	2340	2347	rBV2	278944	578549	46.93%	3.278%
99	16.444	2380	2385	2391	rBV2	463480	865556	70.21%	4.904%
100	16.645	2411	2418	2430	rBV4	445280	1232734	100.00%	6.985%

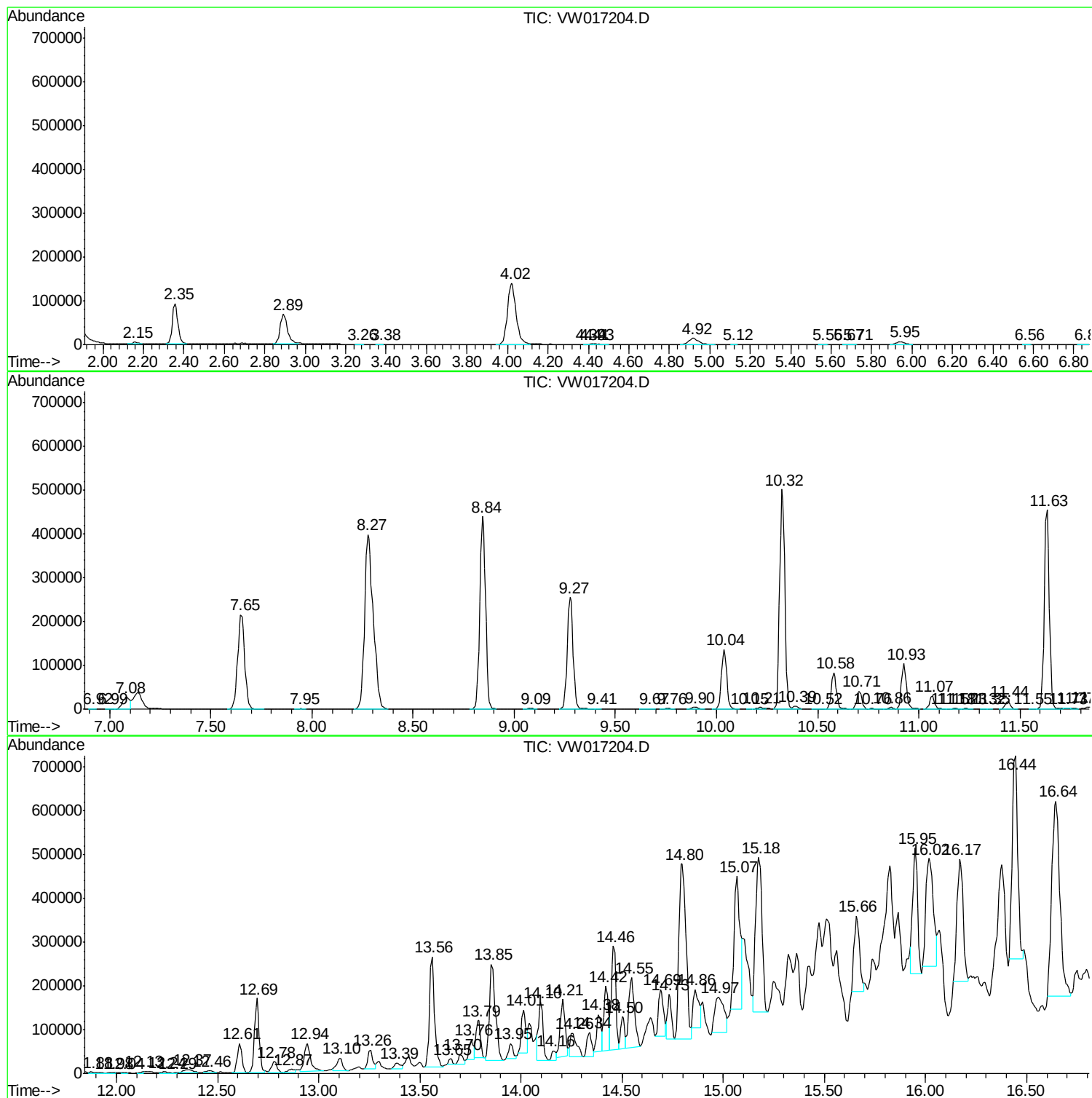
Sum of corrected areas: 17649182

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Instrument :
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ClientSampleId :
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.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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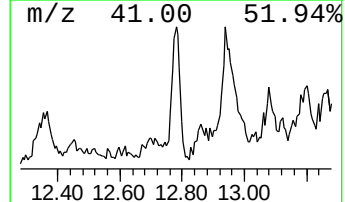
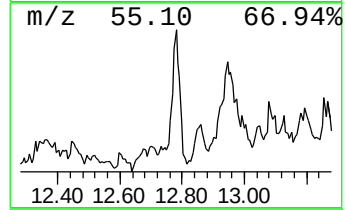
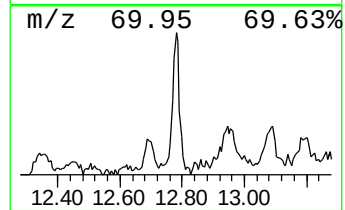
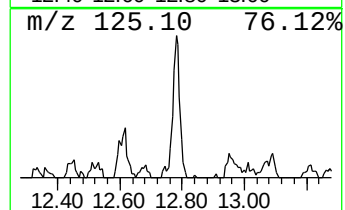
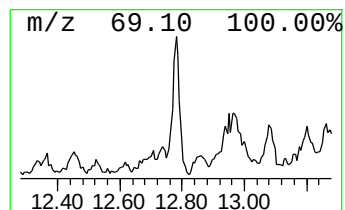
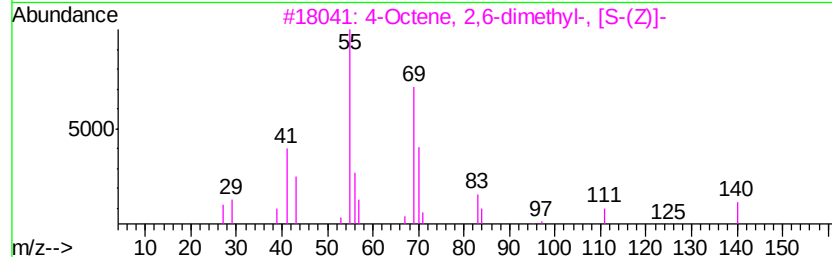
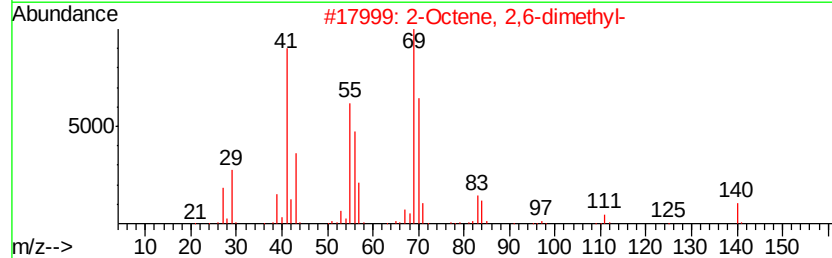
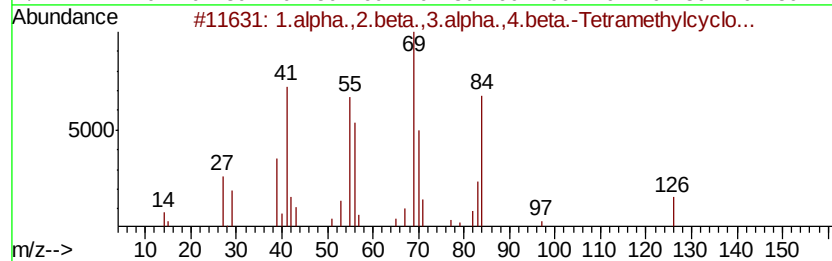
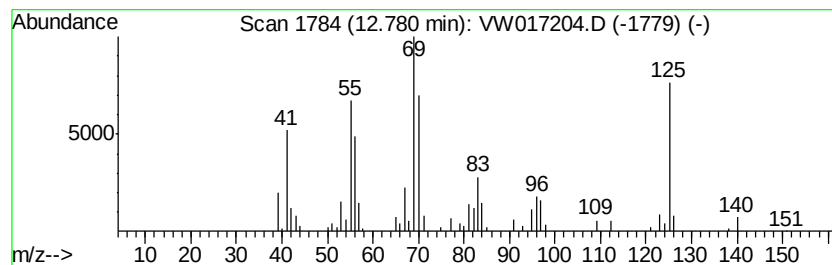
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis

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

 Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.78	2.67 ug/L	46087	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1.alpha.,2.beta.,3.alpha.,4.beta...	126	C9H18	002532-67-4	53
2		2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	46
3		4-Octene, 2,6-dimethyl-, [S-(Z)]-	140	C10H20	062960-77-4	43
4		1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	38
5		cis-1-Butyl-2-methylcyclopropane	112	C8H16	038851-69-3	38



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ALS Vial : 1 Sample Multiplier: 1

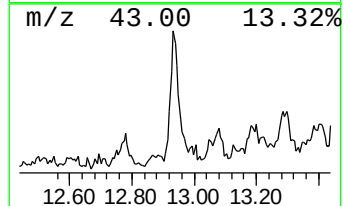
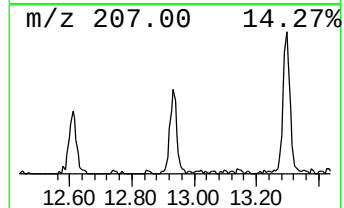
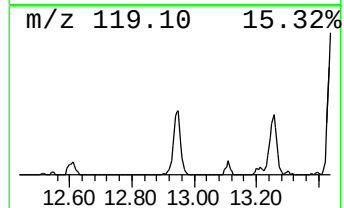
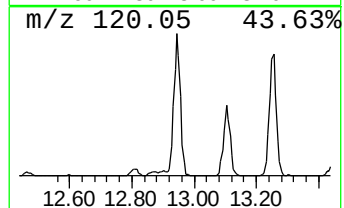
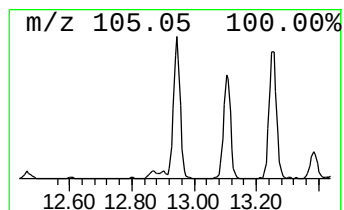
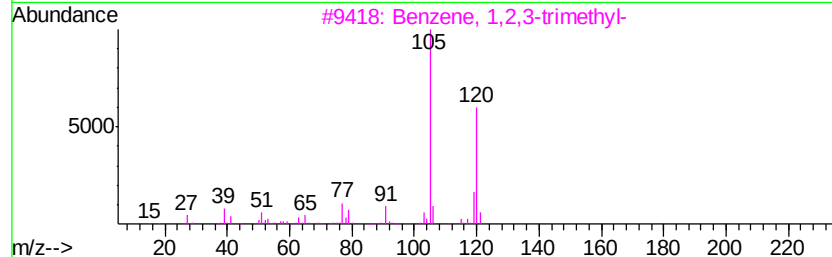
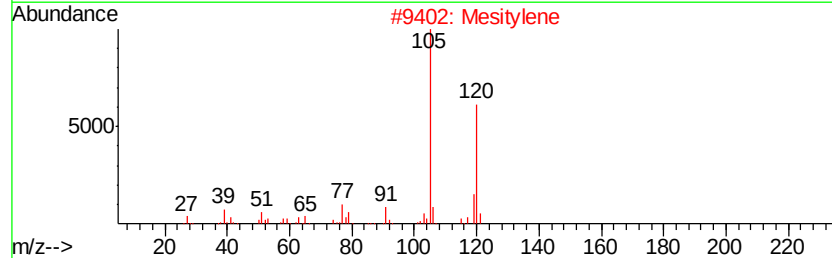
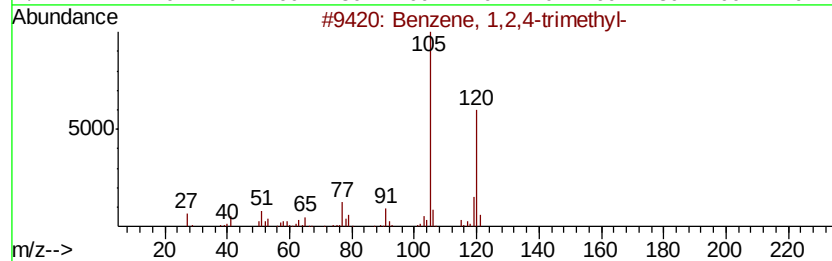
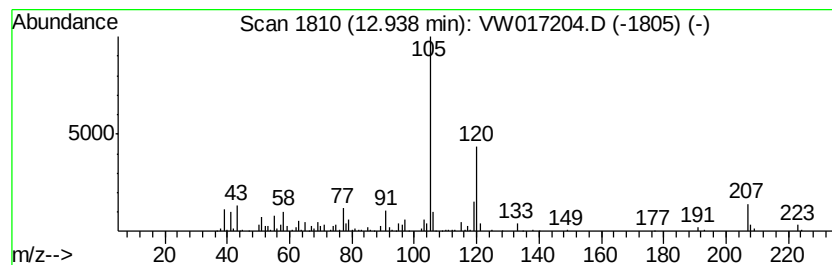
Instrument :
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
Quant Title : VOC Analysis

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

Peak Number 6 Benzene, 1,2,4-trimethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.94	7.80 ug/L	134826	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, 1,2,4-trimethyl-	120 C9H12	000095-63-6 95
2		Mesitylene	120 C9H12	000108-67-8 95
3		Benzene, 1,2,3-trimethyl-	120 C9H12	000526-73-8 95
4		Mesitylene	120 C9H12	000108-67-8 95
5		Mesitylene	120 C9H12	000108-67-8 94



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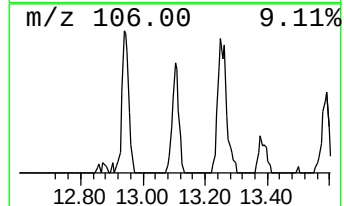
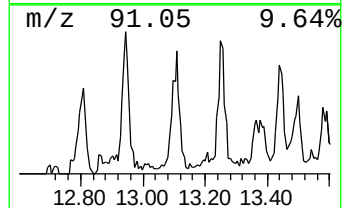
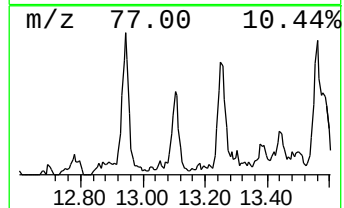
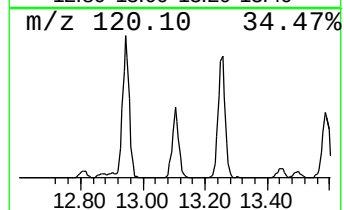
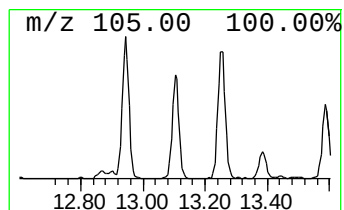
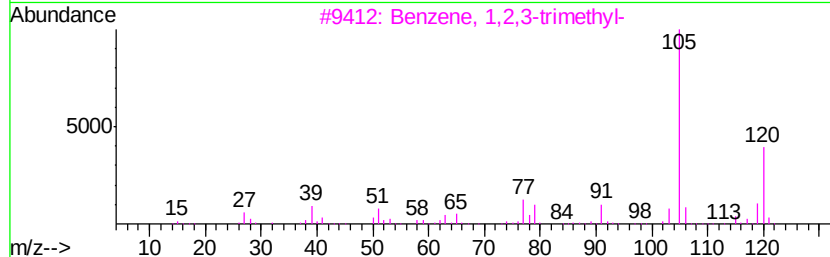
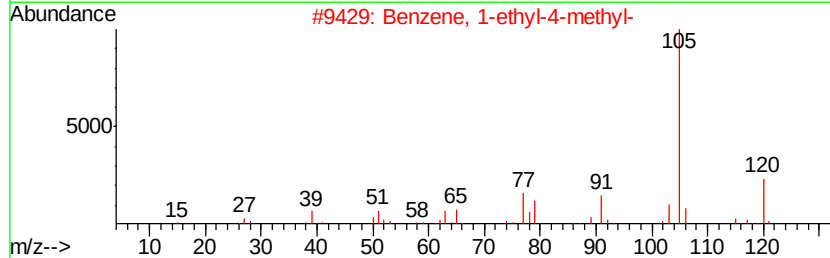
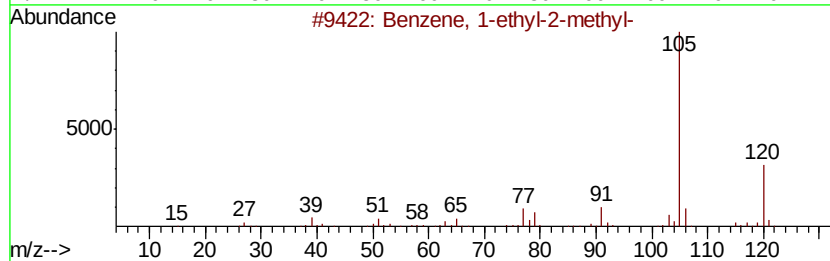
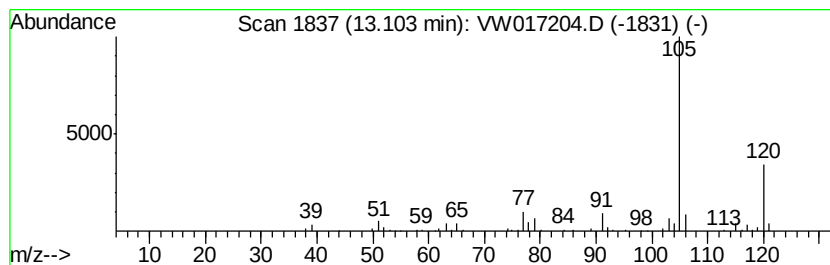
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Benzene, 1-ethyl-2-methyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.10	3.24 ug/L	55995	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
3		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93
4		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW111320\
Data File : VW017204.D
Acq On : 13 Nov 2020 11:31
Operator : SY/VA
Sample : L4727-03RE
Misc : 5.43G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AB8RE

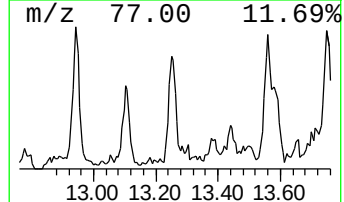
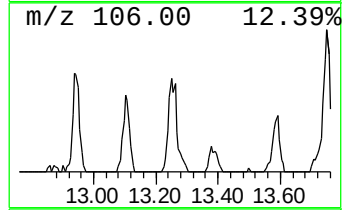
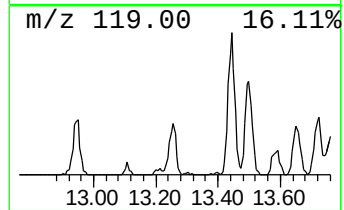
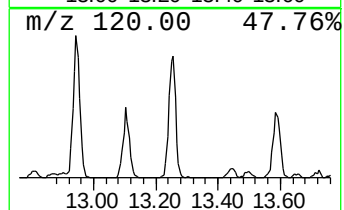
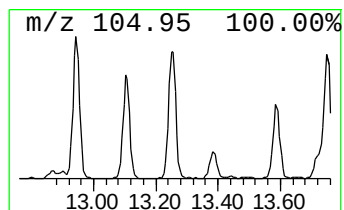
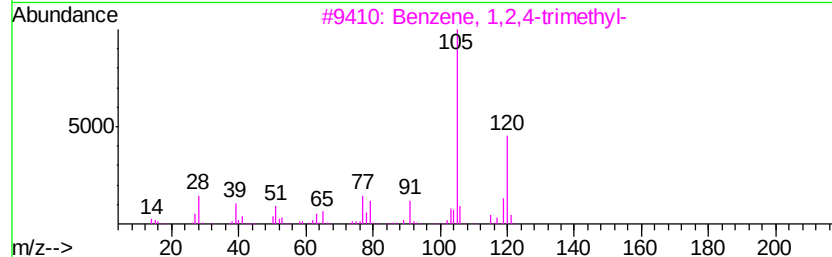
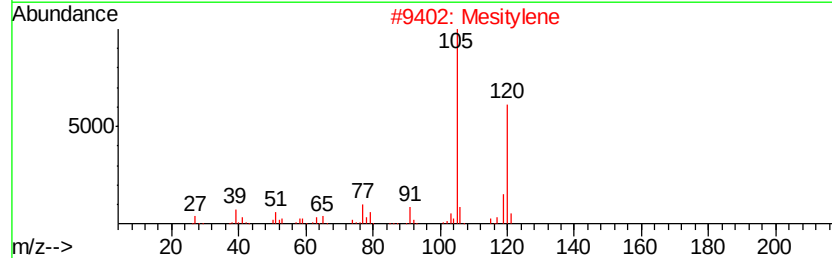
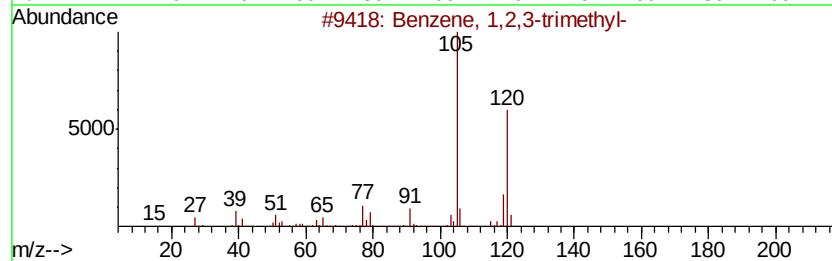
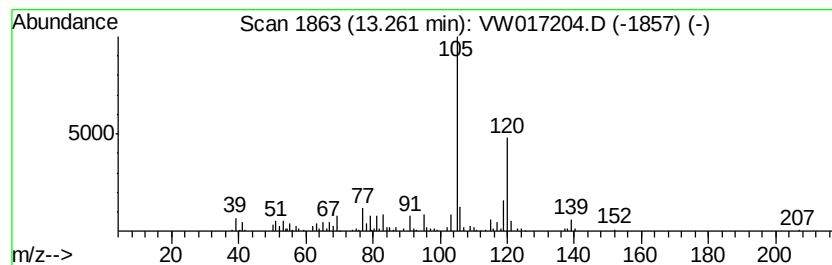
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Quant Title : VOC Analysis

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

Peak Number 8 Benzene, 1,2,3-trimethyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	4.39 ug/L	75909	1,4-Dichlorobenzene-d4	13.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2		Mesitylene	120	C9H12	000108-67-8	95
3		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW111320\
Data File : VW017204.D
Acq On : 13 Nov 2020 11:31
Operator : SY/VA
Sample : L4727-03RE
Misc : 5.43G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

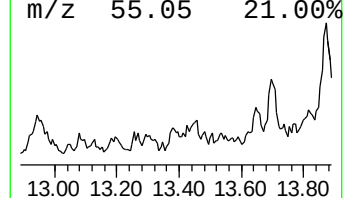
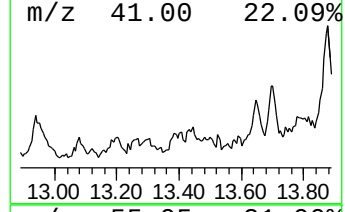
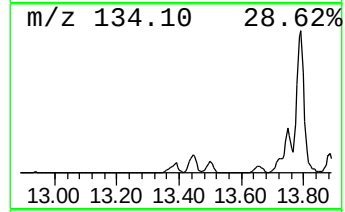
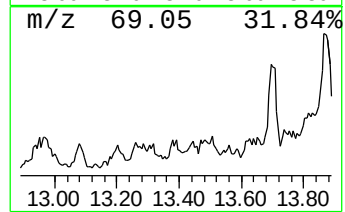
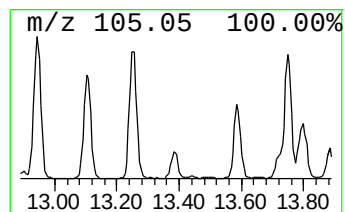
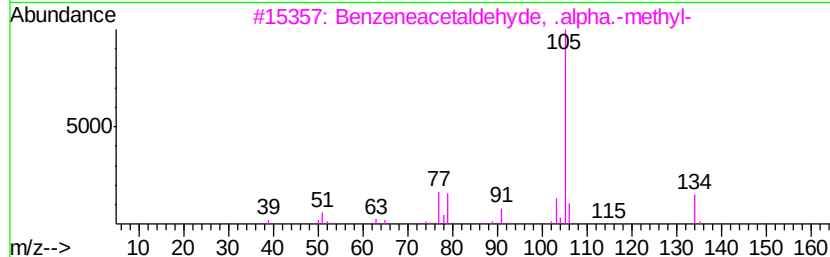
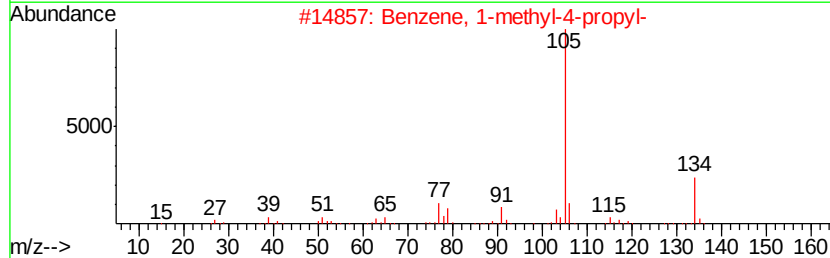
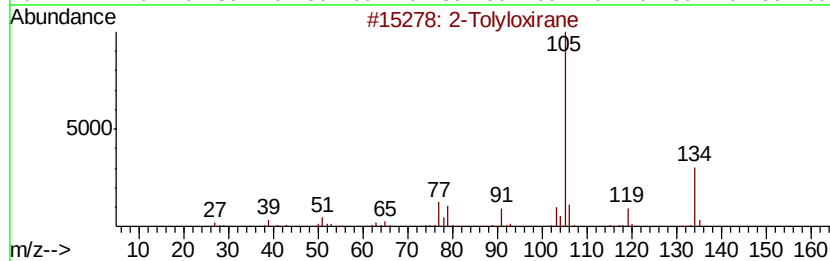
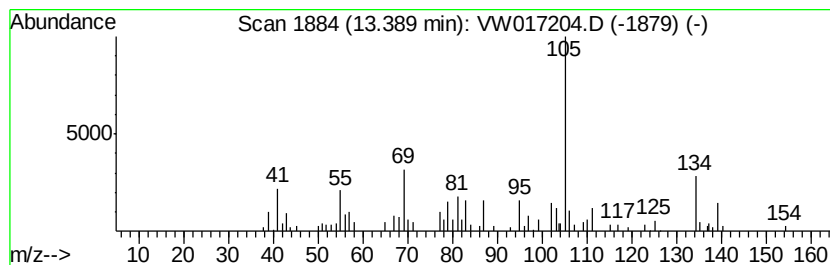
Instrument :
MSVOA_W
ClientSampleId :
C0AB8RE

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Quant Title : VOC Analysis

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

Peak Number 9 2-Tolyloxirane Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.39	1.72 ug/L	29755	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2-Tolyloxirane	134 C9H10O	002783-26-8	50
2	Benzene, 1-methyl-4-propyl-	134 C10H14	001074-55-1	50
3	Benzeneacetaldehyde, .alpha.-met...	134 C9H10O	000093-53-8	43
4	Oxirane, 2-methyl-2-phenyl-	134 C9H10O	002085-88-3	43
5	Benzene, (1-methylpropyl)-	134 C10H14	000135-98-8	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW111320\
Data File : VW017204.D
Acq On : 13 Nov 2020 11:31
Operator : SY/VA
Sample : L4727-03RE
Misc : 5.43G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AB8RE

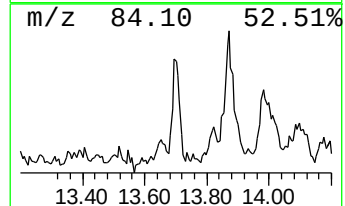
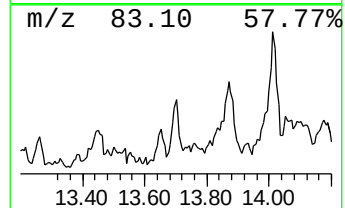
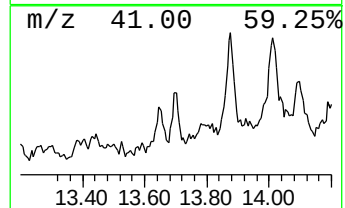
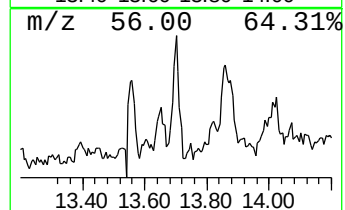
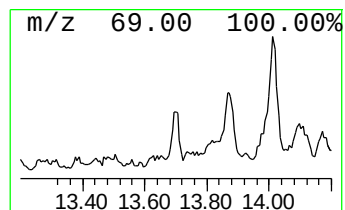
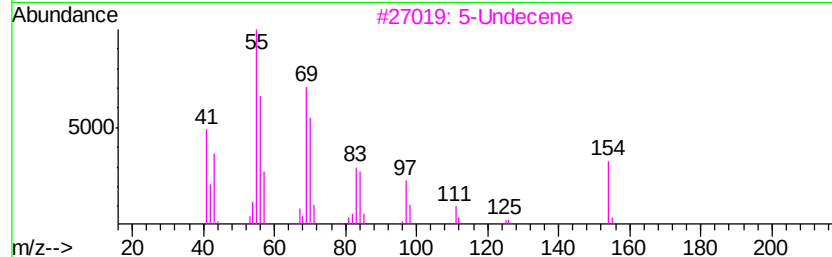
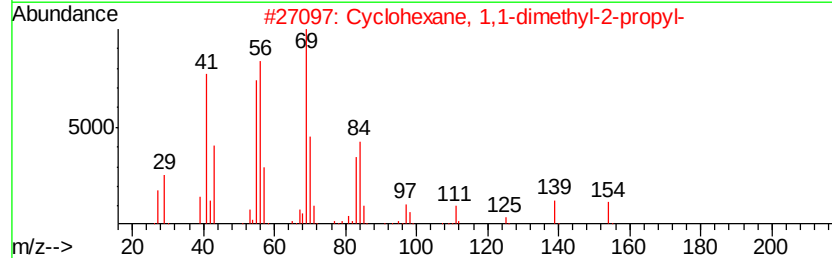
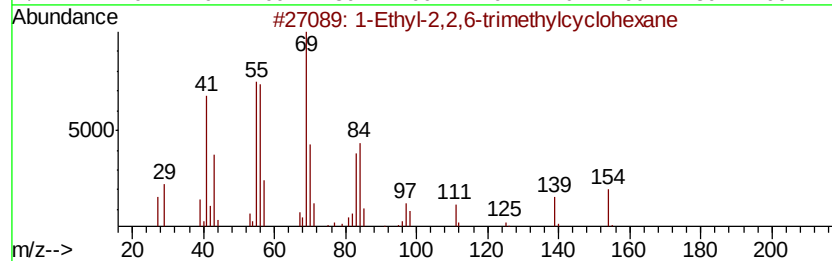
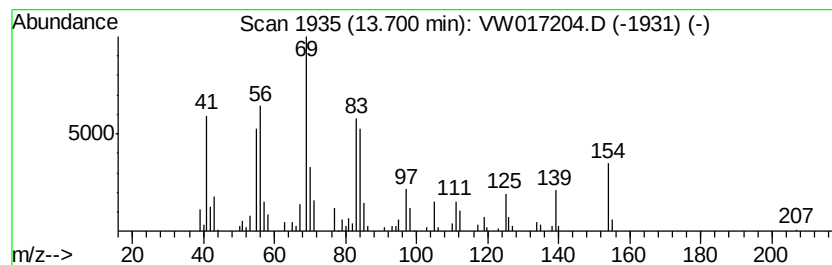
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Quant Title : VOC Analysis

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.70	2.44 ug/L	42069	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Ethyl-2,2,6-trimethylcyclohexane	154	C11H22	071186-27-1	81
2		Cyclohexane, 1,1-dimethyl-2-propyl-	154	C11H22	081983-71-3	80
3		5-Undecene	154	C11H22	004941-53-1	74
4		Cyclopropane, 1,2-dibutyl-	154	C11H22	041977-32-6	49
5		6-Propyl-2,3-dihydropyran-2,4-dione	154	C8H10O3	005698-53-3	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW111320\
Data File : VW017204.D
Acq On : 13 Nov 2020 11:31
Operator : SY/VA
Sample : L4727-03RE
Misc : 5.43G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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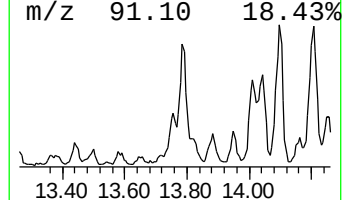
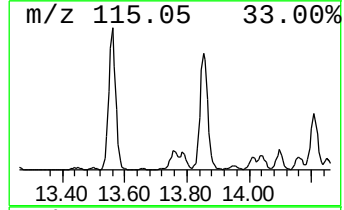
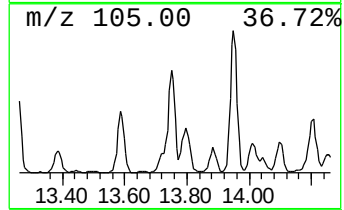
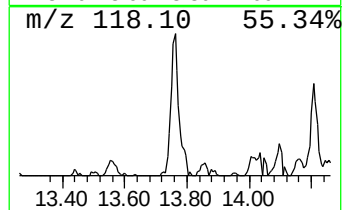
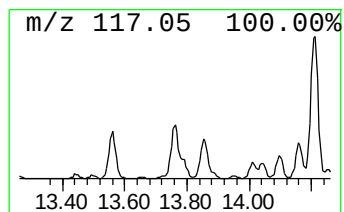
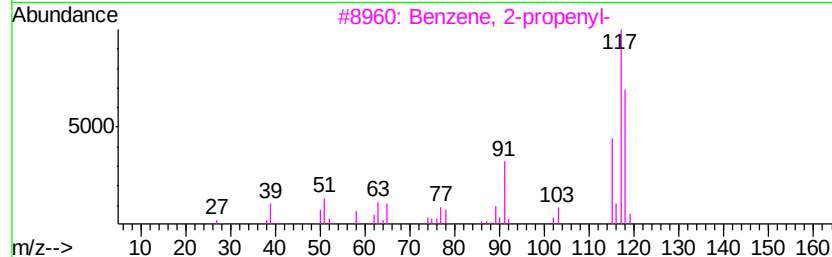
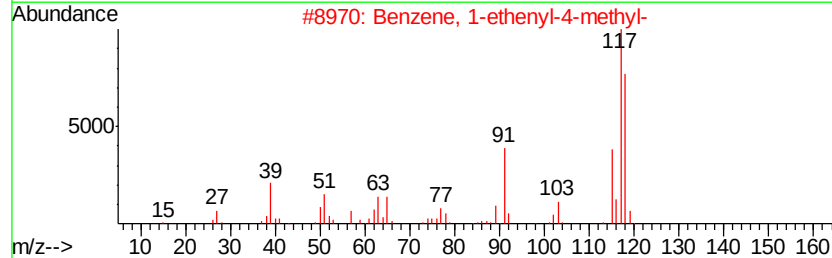
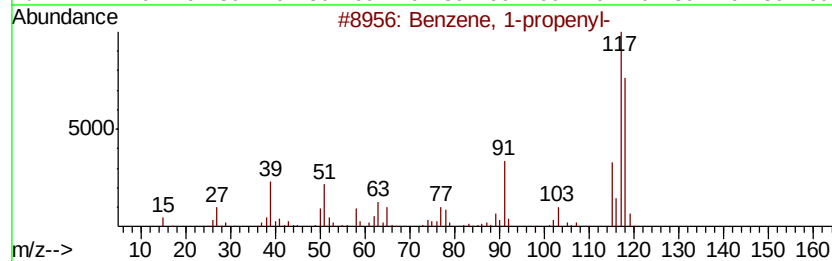
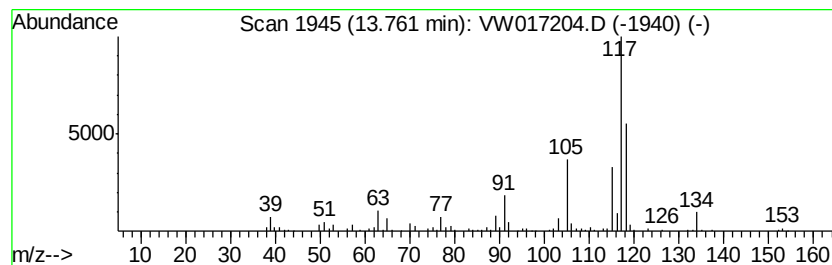
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Quant Title : VOC Analysis

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

Peak Number 11 Benzene, 1-propenyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	3.94 ug/L	68028	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-propenyl-	118	C9H10	000637-50-3	64
2			Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	58
3			Benzene, 2-propenyl-	118	C9H10	000300-57-2	58
4			Indane	118	C9H10	000496-11-7	53
5			Benzene, cyclopropyl-	118	C9H10	000873-49-4	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW111320\
Data File : VW017204.D
Acq On : 13 Nov 2020 11:31
Operator : SY/VA
Sample : L4727-03RE
Misc : 5.43G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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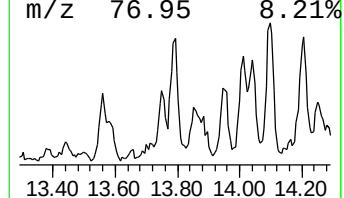
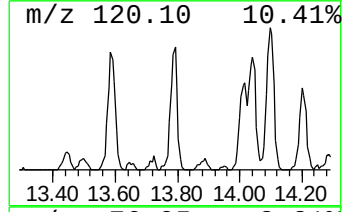
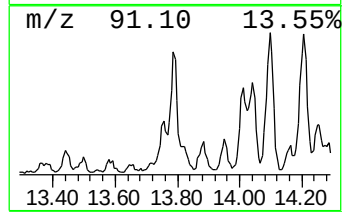
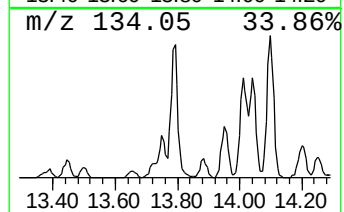
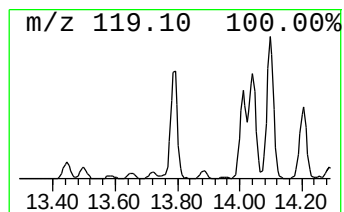
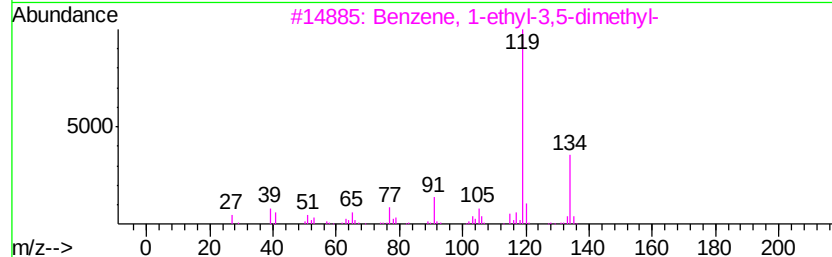
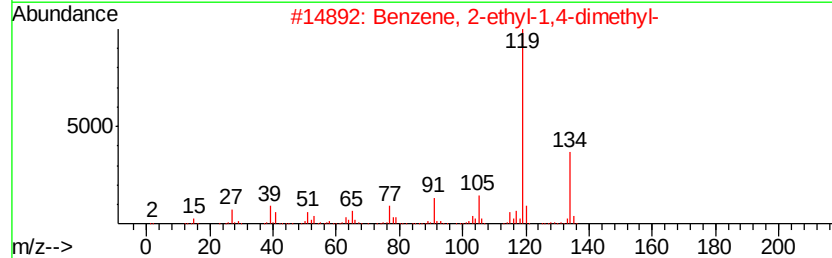
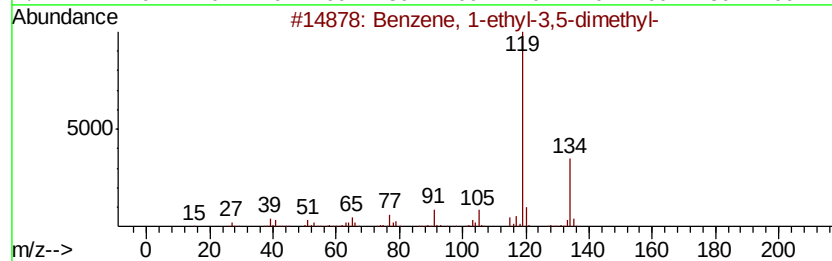
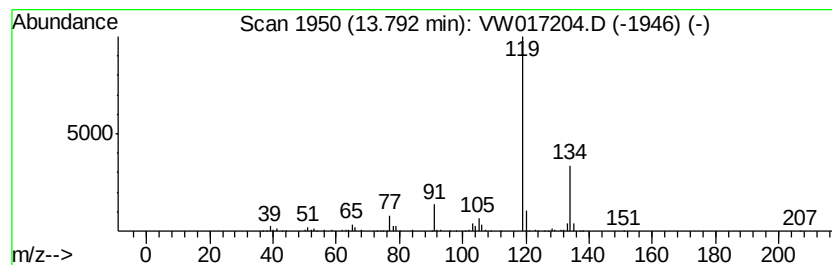
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Quant Title : VOC Analysis

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

Peak Number 12 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	7.62 ug/L	131706	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
2			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
3			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
4			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW111320\
Data File : VW017204.D
Acq On : 13 Nov 2020 11:31
Operator : SY/VA
Sample : L4727-03RE
Misc : 5.43G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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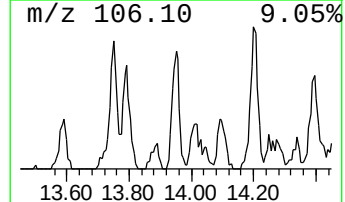
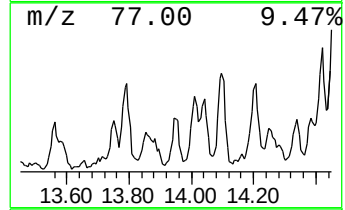
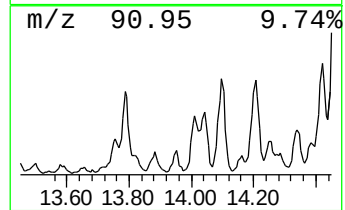
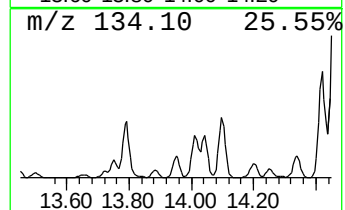
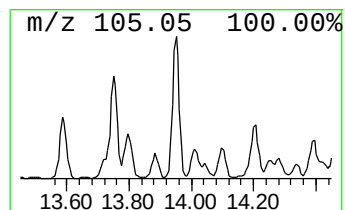
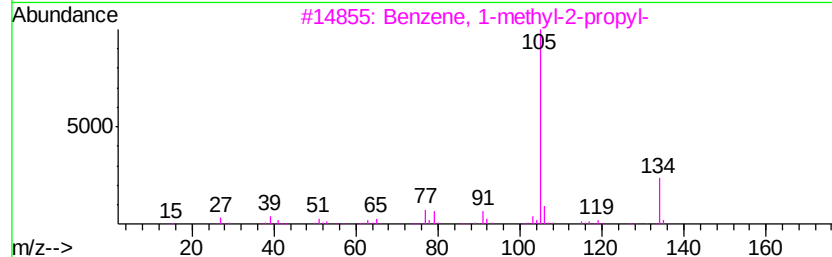
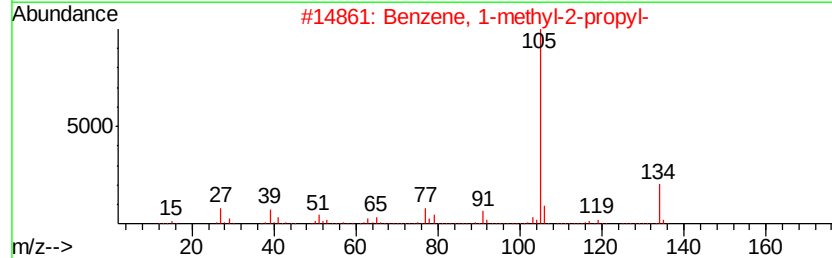
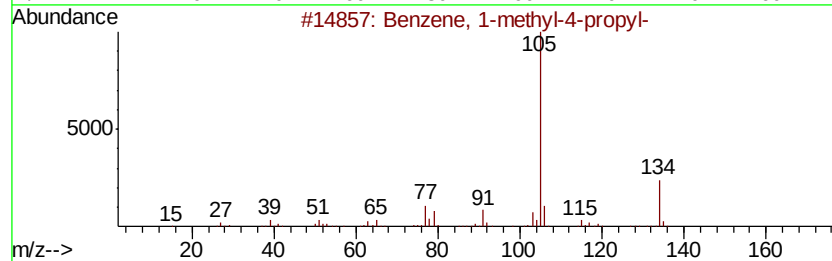
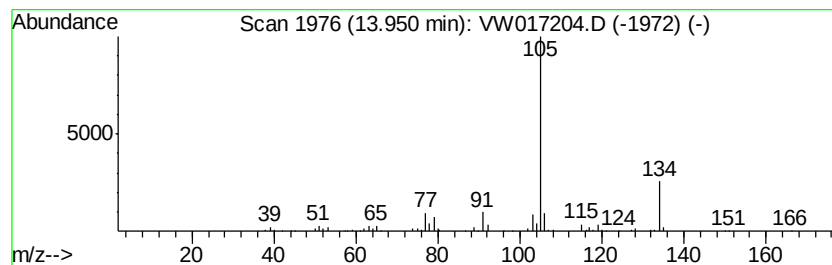
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Quant Title : VOC Analysis

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

Peak Number 13 Benzene, 1-methyl-4-propyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	3.03 ug/L	52383	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	94
2		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91
3		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91
4		Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91
5		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW111320\
Data File : VW017204.D
Acq On : 13 Nov 2020 11:31
Operator : SY/VA
Sample : L4727-03RE
Misc : 5.43G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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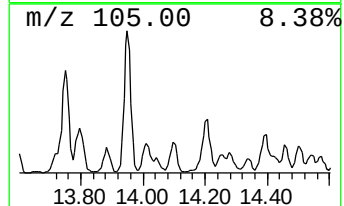
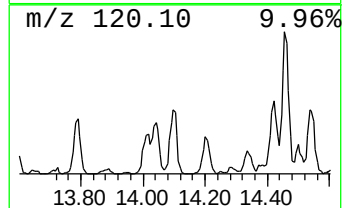
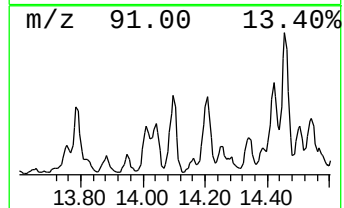
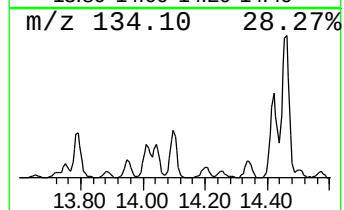
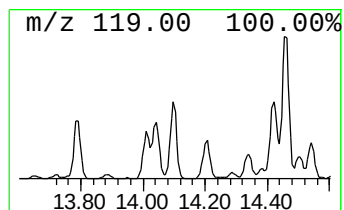
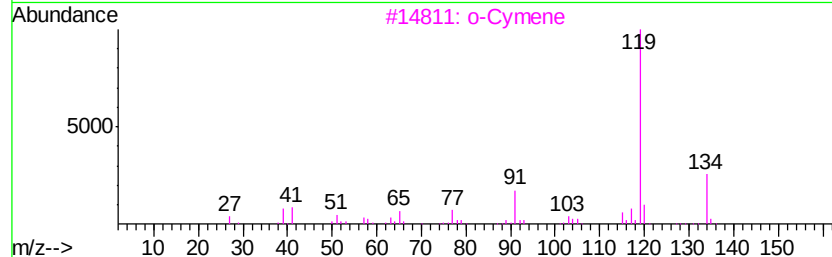
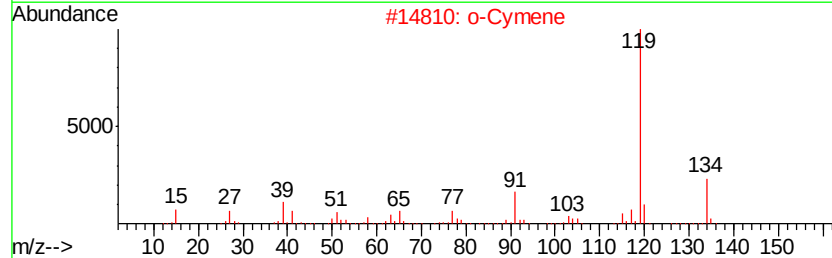
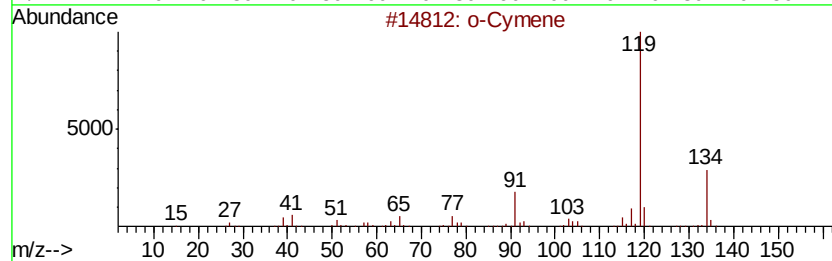
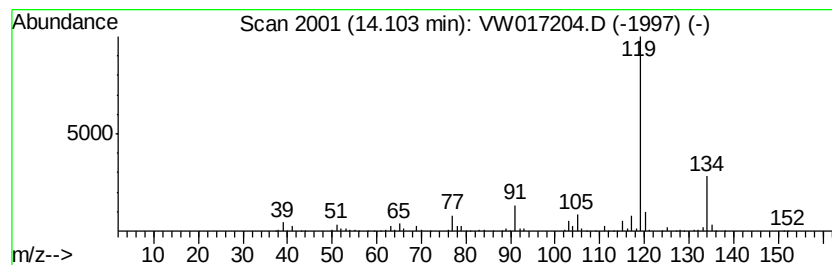
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Quant Title : VOC Analysis

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

Peak Number 15 o-Cymene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.10	11.64 ug/L	201091	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	o-Cymene	134	C10H14	000527-84-4	97
2		o-Cymene	134	C10H14	000527-84-4	97
3		o-Cymene	134	C10H14	000527-84-4	97
4		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	97
5		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW111320\
Data File : VW017204.D
Acq On : 13 Nov 2020 11:31
Operator : SY/VA
Sample : L4727-03RE
Misc : 5.43G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AB8RE

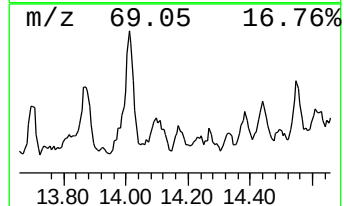
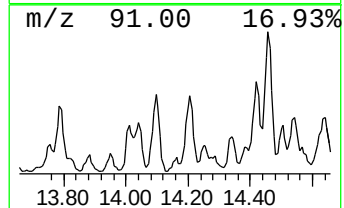
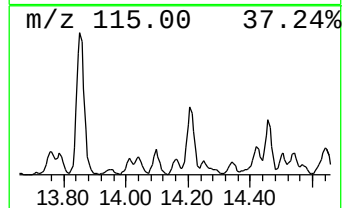
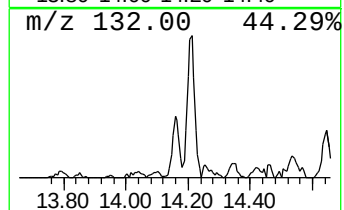
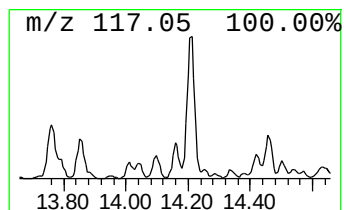
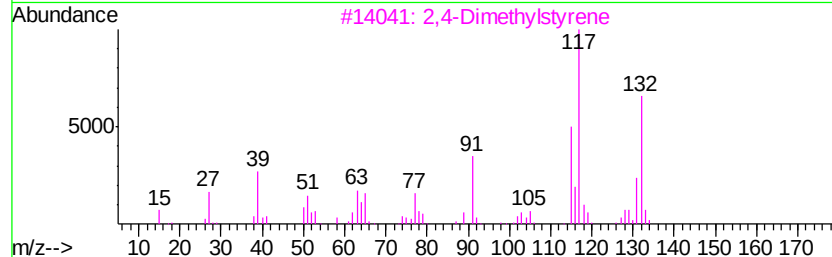
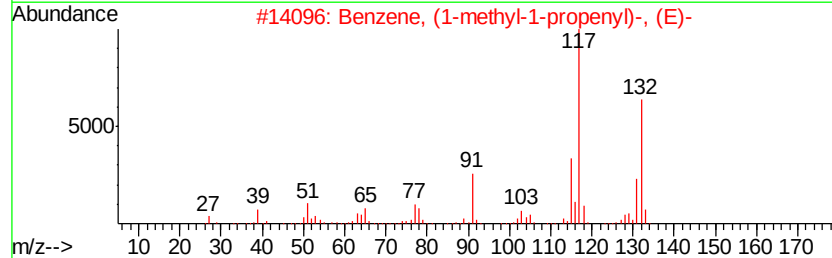
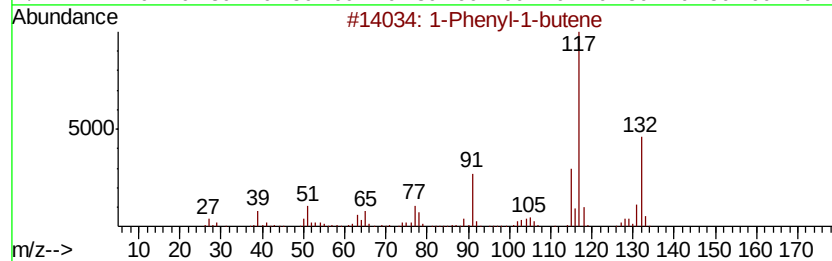
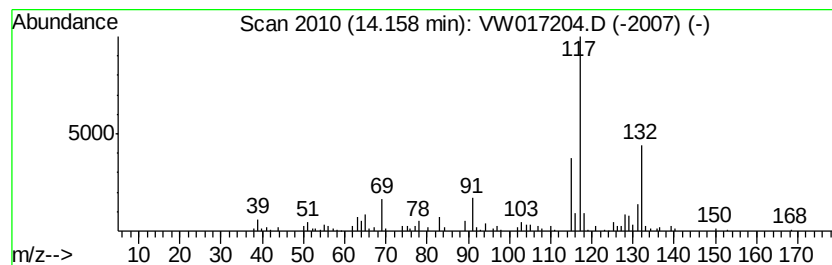
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Quant Title : VOC Analysis

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

Peak Number 16 1-Phenyl-1-butene Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.16	2.05 ug/L	35465	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Phenyl-1-butene	132	C10H12	000824-90-8	93
2		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	90
3		2,4-Dimethylstyrene	132	C10H12	002234-20-0	87
4		Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	87
5		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW111320\
Data File : VW017204.D
Acq On : 13 Nov 2020 11:31
Operator : SY/VA
Sample : L4727-03RE
Misc : 5.43G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

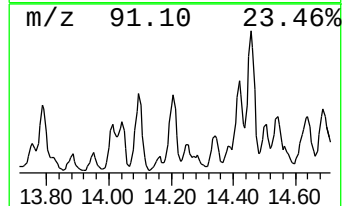
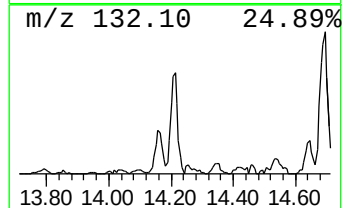
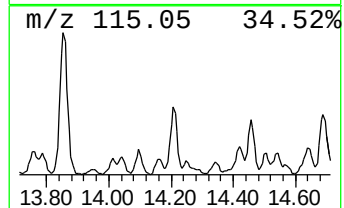
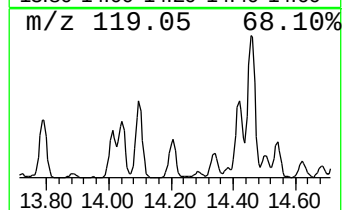
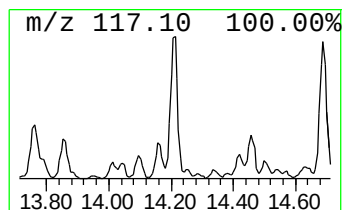
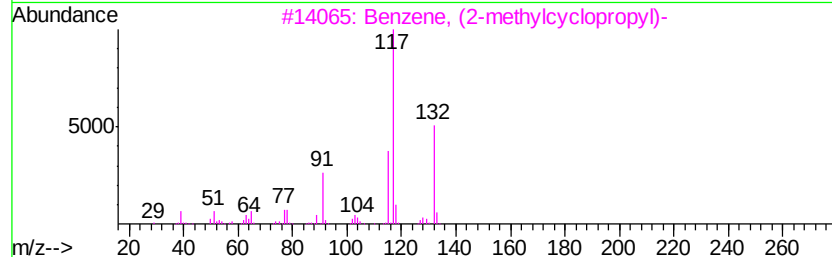
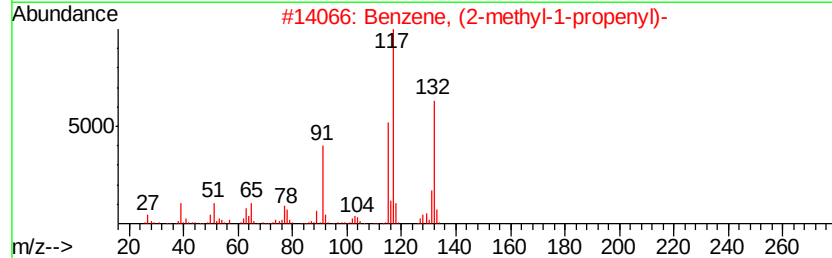
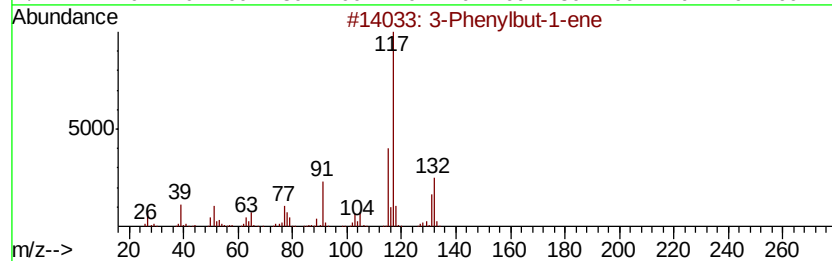
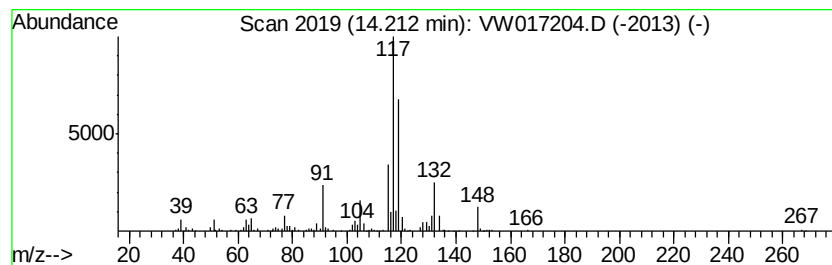
Instrument :
MSVOA_W
ClientSampleId :
C0AB8RE

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Quant Title : VOC Analysis

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

Peak Number 17 3-Phenylbut-1-ene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.21	12.74 ug/L	220033	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	3-Phenylbut-1-ene	132 C10H12	000934-10-1	55
2	Benzene, (2-methyl-1-propenyl)-	132 C10H12	000768-49-0	55
3	Benzene, (2-methylcyclopropyl)-	132 C10H12	1000327-39-0	50
4	Benzene, 1-ethenyl-3-ethyl-	132 C10H12	007525-62-4	49
5	1-Phenyl-1-butene	132 C10H12	000824-90-8	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW111320\
Data File : VW017204.D
Acq On : 13 Nov 2020 11:31
Operator : SY/VA
Sample : L4727-03RE
Misc : 5.43G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AB8RE

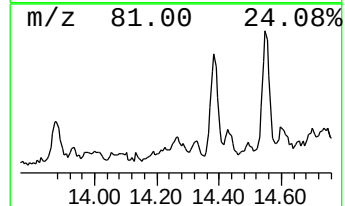
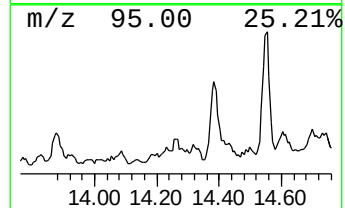
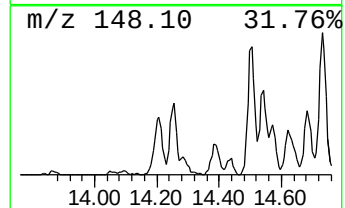
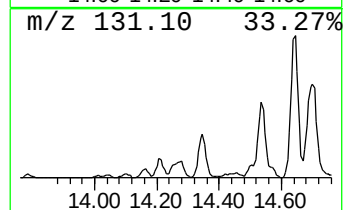
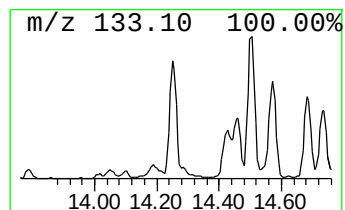
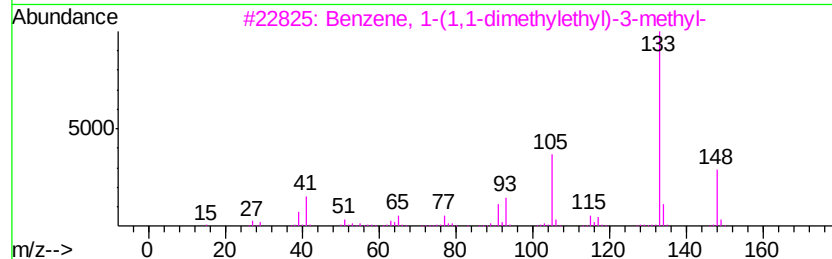
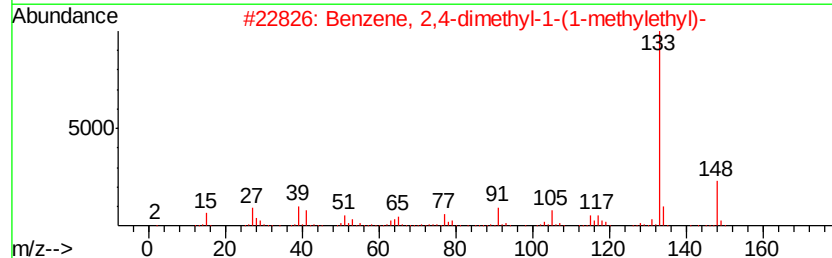
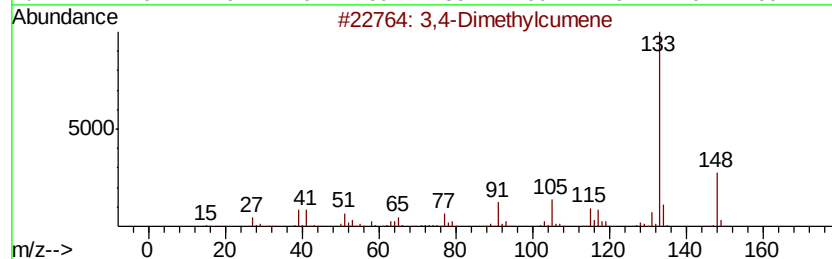
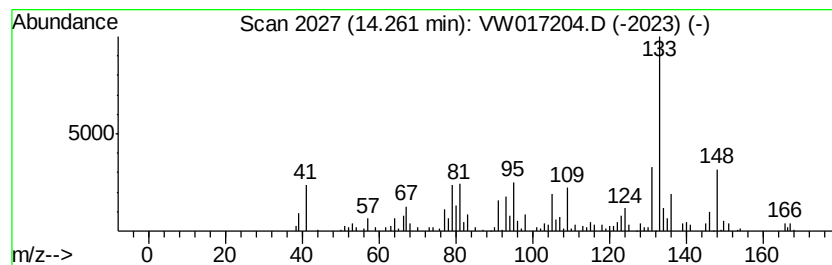
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Quant Title : VOC Analysis

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

Peak Number 18 3,4-Dimethylcumene Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.26	6.90 ug/L	119195	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3,4-Dimethylcumene	148	C11H16	1000370-34-1	74
2		Benzene, 2,4-dimethyl-1-(1-methyl-...	148	C11H16	004706-89-2	64
3		Benzene, 1-(1,1-dimethylethyl)-3-methyl-	148	C11H16	001075-38-3	64
4		m-Ethylacetophenone	148	C10H12O	022699-70-3	64
5		Benzene, 1,3-dimethyl-5-(1-methyl-...	148	C11H16	004706-90-5	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW111320\
Data File : VW017204.D
Acq On : 13 Nov 2020 11:31
Operator : SY/VA
Sample : L4727-03RE
Misc : 5.43G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AB8RE

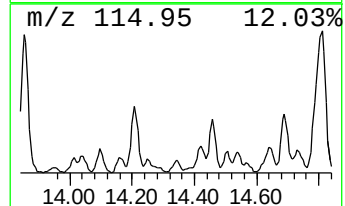
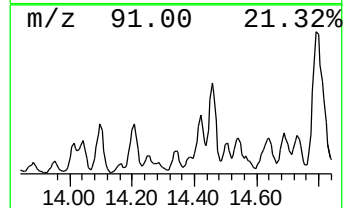
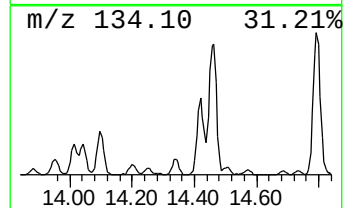
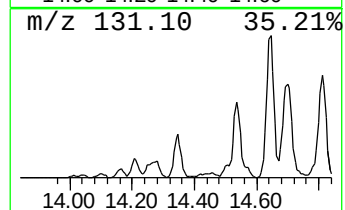
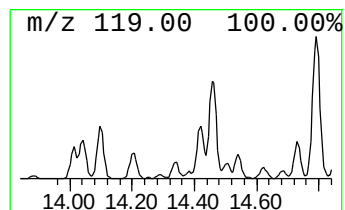
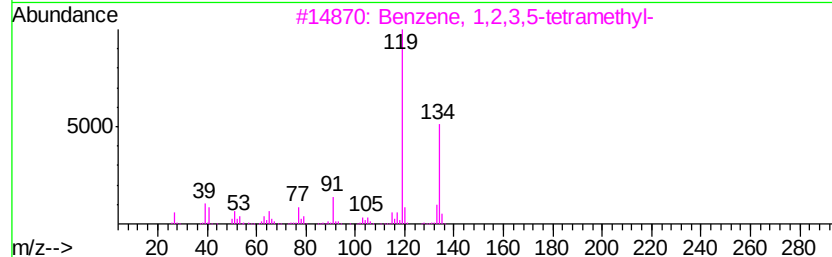
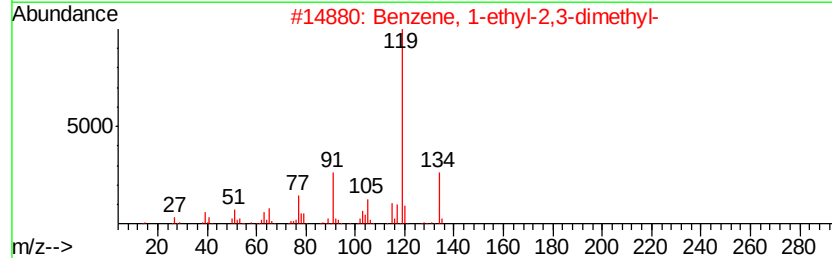
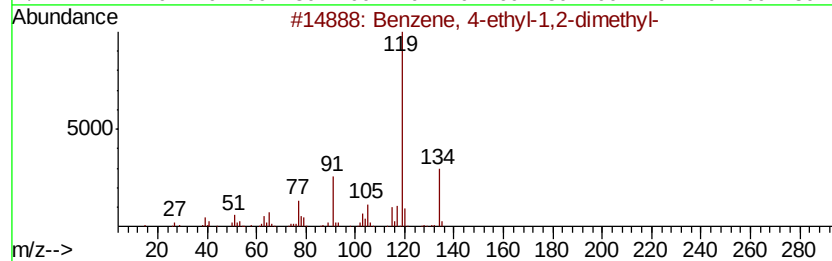
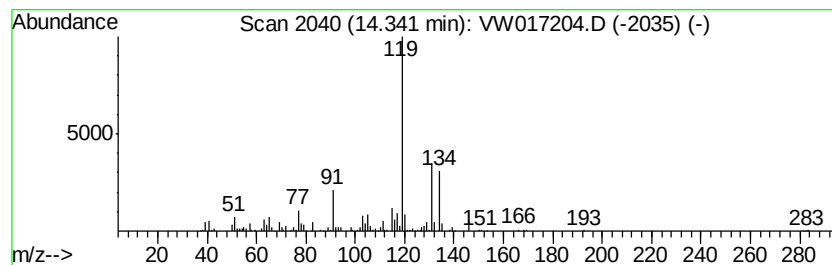
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Quant Title : VOC Analysis

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

Peak Number 19 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.34	5.46 ug/L	94407	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
2			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	89
3			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	76
4			o-Cymene	134	C10H14	000527-84-4	76
5			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW111320\
Data File : VW017204.D
Acq On : 13 Nov 2020 11:31
Operator : SY/VA
Sample : L4727-03RE
Misc : 5.43G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AB8RE

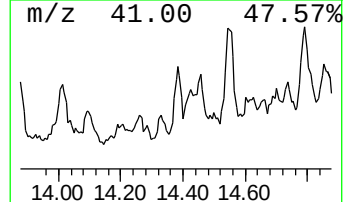
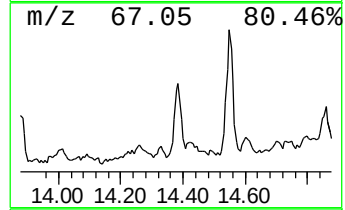
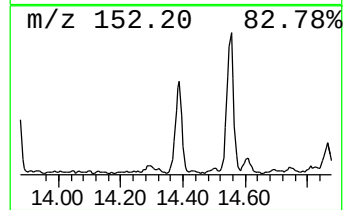
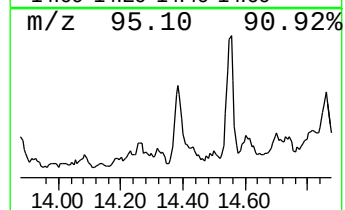
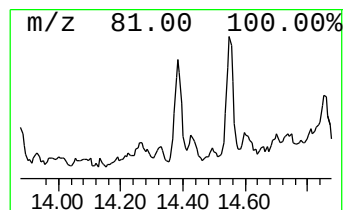
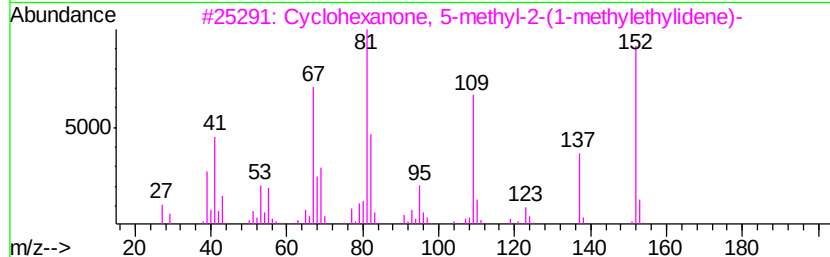
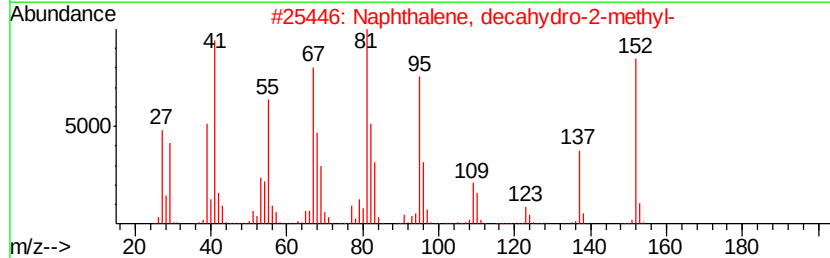
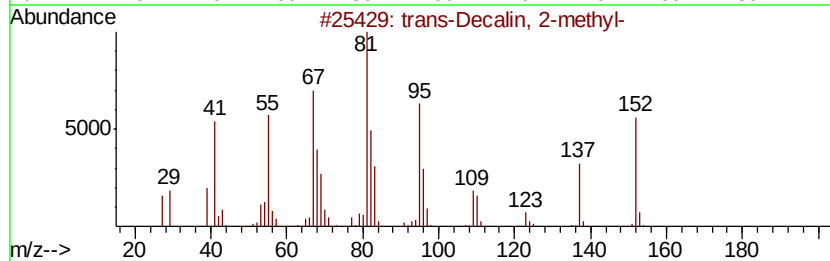
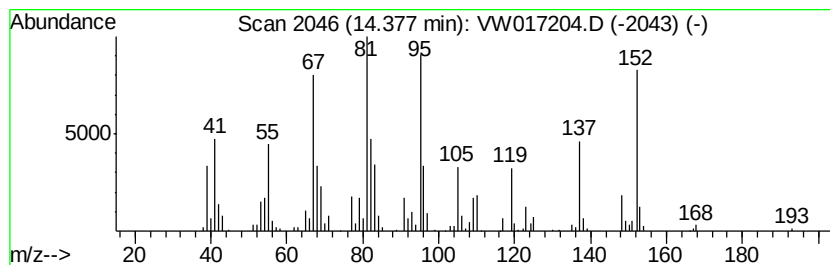
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Quant Title : VOC Analysis

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

Peak Number 20 trans-Decalin, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.38	7.84 ug/L	135475	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	96
2			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	91
3			Cyclohexanone, 5-methyl-2-(1-methyl-2-propenyl)-	152	C10H16O	015932-80-6	60
4			Bicyclo[2.2.1]heptan-2-one, 1,7,7-trimethyl-	152	C10H16O	000464-48-2	58
5			(+)-2-Bornanone	152	C10H16O	000464-49-3	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW111320\
Data File : VW017204.D
Acq On : 13 Nov 2020 11:31
Operator : SY/VA
Sample : L4727-03RE
Misc : 5.43G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

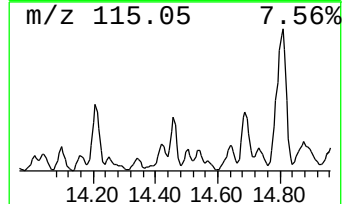
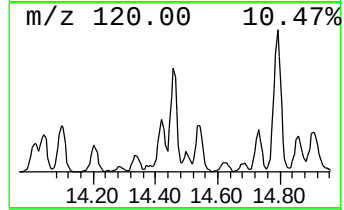
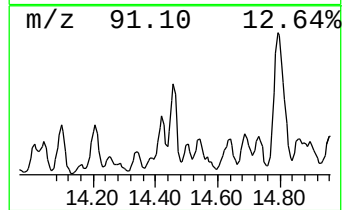
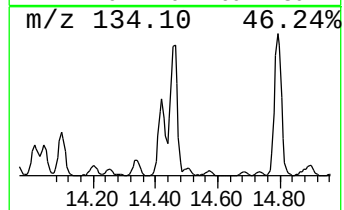
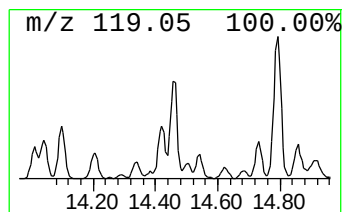
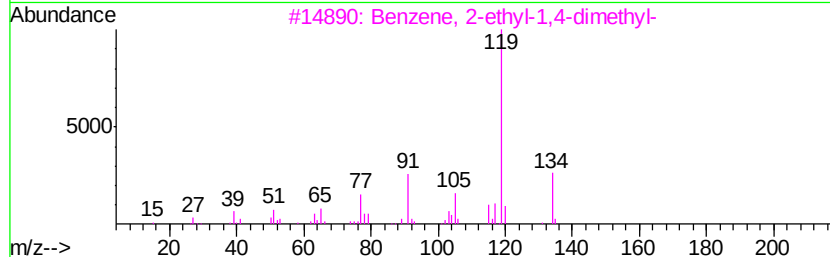
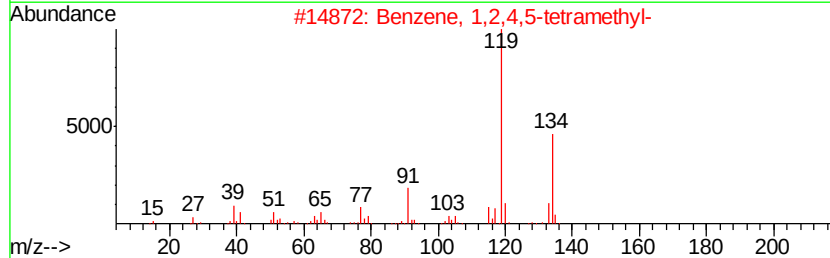
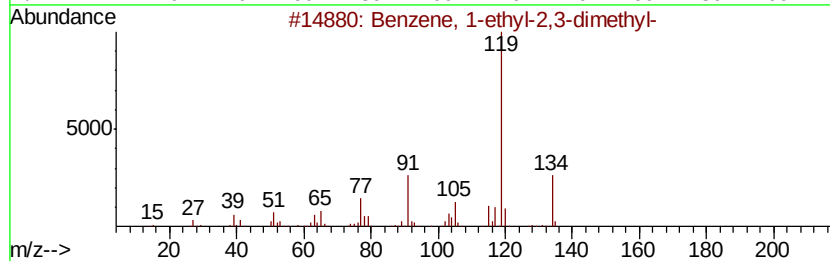
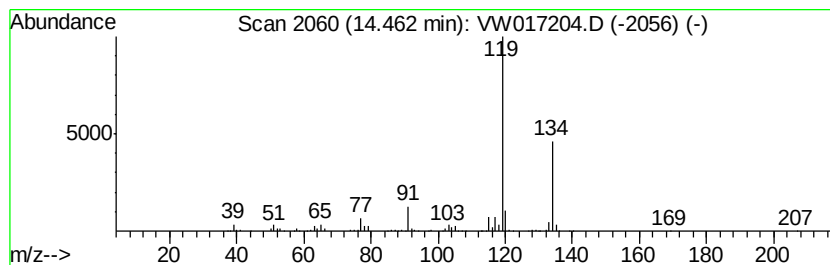
Instrument :
MSVOA_W
ClientSampleId :
C0AB8RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
Quant Title : VOC Analysis

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

Peak Number 22 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.46	20.66 ug/L	356960	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134 C10H14	000933-98-2	94
2	Benzene, 1,2,4,5-tetramethyl-	134 C10H14	000095-93-2	94
3	Benzene, 2-ethyl-1,4-dimethyl-	134 C10H14	001758-88-9	94
4	o-Cymene	134 C10H14	000527-84-4	94
5	Benzene, 2-ethyl-1,3-dimethyl-	134 C10H14	002870-04-4	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW111320\
Data File : VW017204.D
Acq On : 13 Nov 2020 11:31
Operator : SY/VA
Sample : L4727-03RE
Misc : 5.43G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

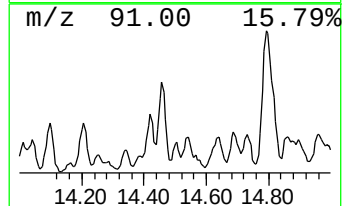
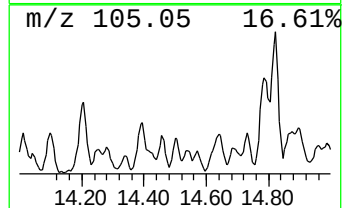
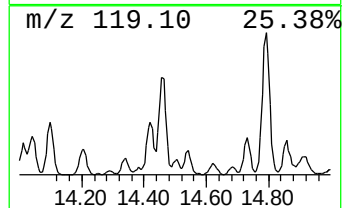
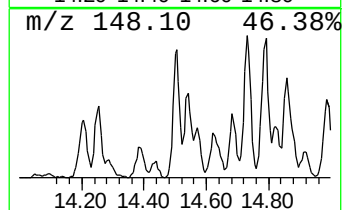
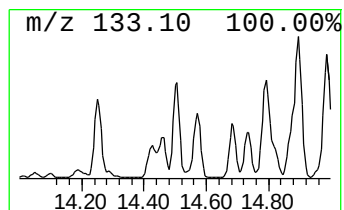
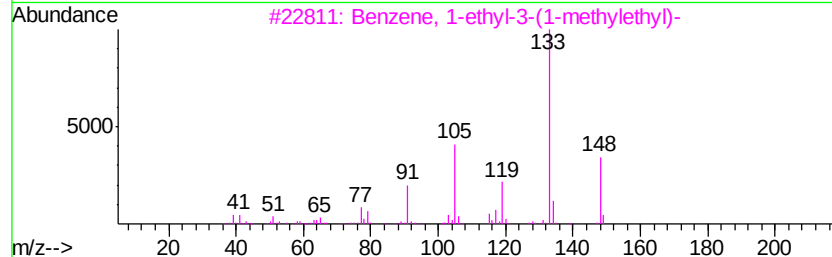
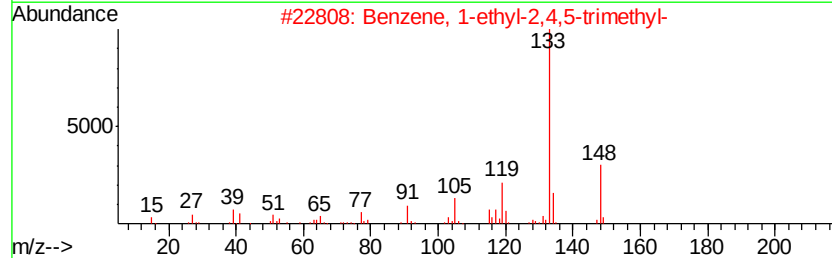
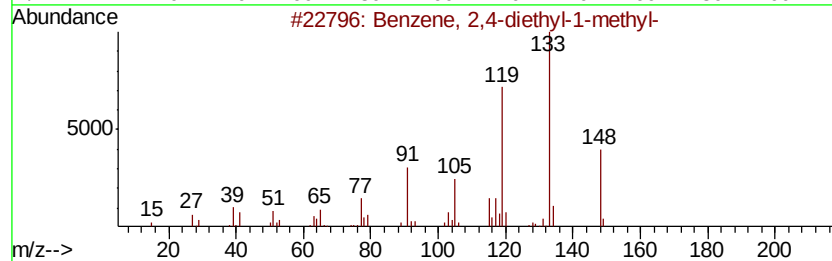
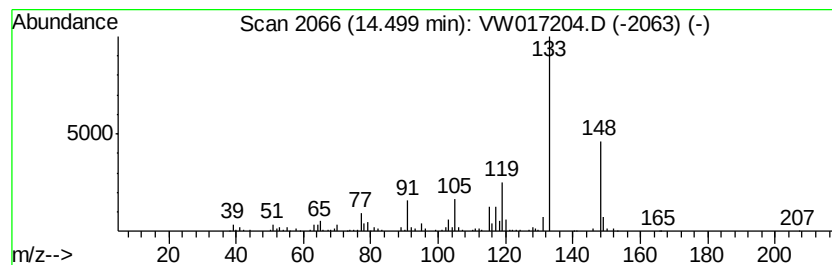
Instrument :
MSVOA_W
ClientSampleId :
C0AB8RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
Quant Title : VOC Analysis

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

Peak Number 23 Benzene, 2,4-diethyl-1-methyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.50	6.02 ug/L	104025	1,4-Dichlorobenzene-d4	13.56	
Hit# of	5	Tentative ID	MW MolForm	CAS#	Qual
1	Benzene, 2,4-diethyl-1-methyl-	148 C11H16	001758-85-6	90	
2	Benzene, 1-ethyl-2,4,5-trimethyl-	148 C11H16	017851-27-3	90	
3	Benzene, 1-ethyl-3-(1-methylethyl)-	148 C11H16	004920-99-4	86	
4	Benzene, 1-ethyl-4-(1-methylethyl)-	148 C11H16	004218-48-8	83	
5	Benzene, pentamethyl-	148 C11H16	000700-12-9	83	



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW111320\
Data File : VW017204.D
Acq On : 13 Nov 2020 11:31
Operator : SY/VA
Sample : L4727-03RE
Misc : 5.43G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

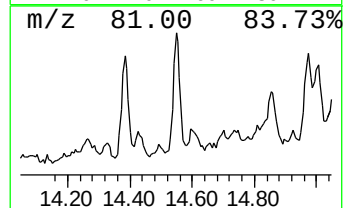
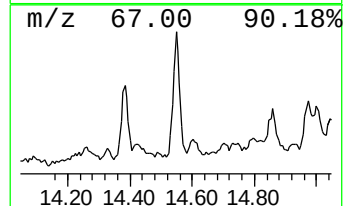
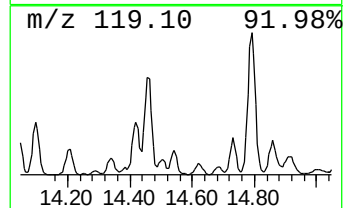
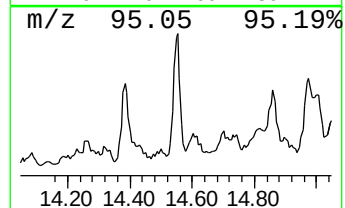
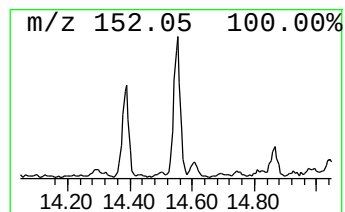
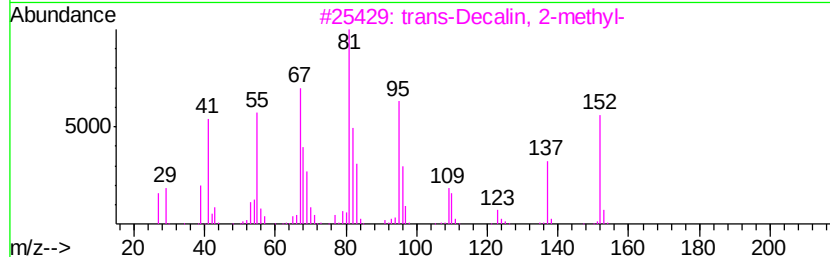
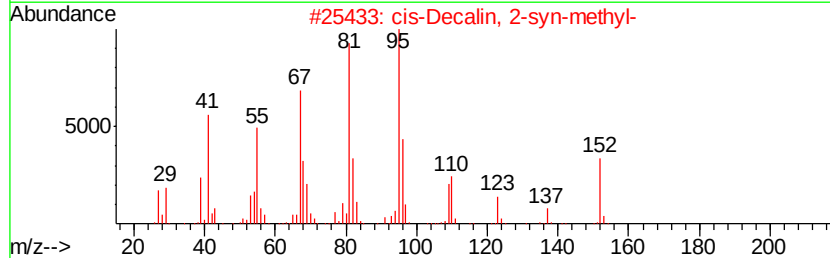
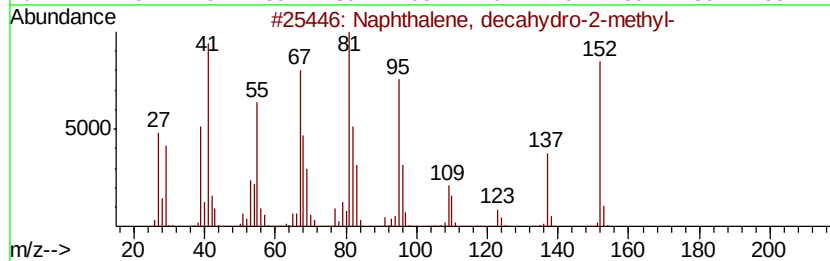
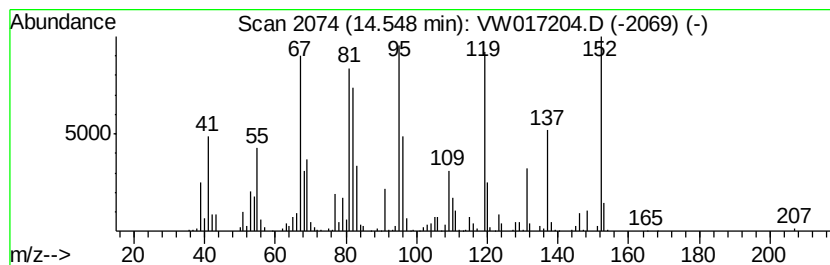
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ClientSampleId :
C0AB8RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
Quant Title : VOC Analysis

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

Peak Number 24 Naphthalene, decahydro-2-me... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.55	17.95 ug/L	310033	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, decahydro-2-methyl-	152 C11H20	002958-76-1 64
2		cis-Decalin, 2-syn-methyl-	152 C11H20	1000155-85-6 58
3		trans-Decalin, 2-methyl-	152 C11H20	1000152-47-3 58
4		Bicyclo[2.2.1]heptan-2-one, 1,7,...	152 C10H16O	000464-48-2 55
5		trans-4a-Methyl-decahydronaphtha...	152 C11H20	002547-27-5 53



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW111320\
Data File : VW017204.D
Acq On : 13 Nov 2020 11:31
Operator : SY/VA
Sample : L4727-03RE
Misc : 5.43G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AB8RE

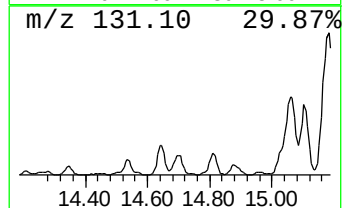
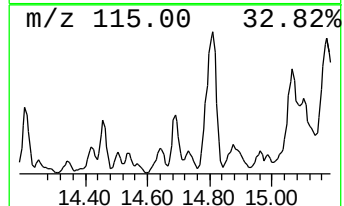
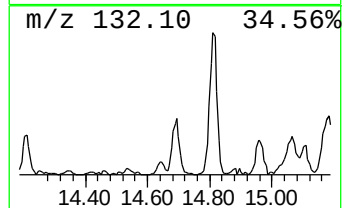
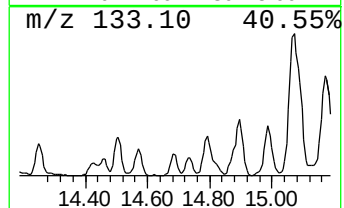
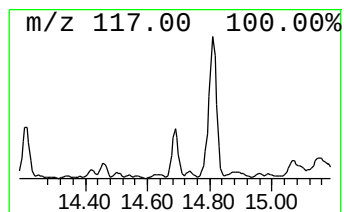
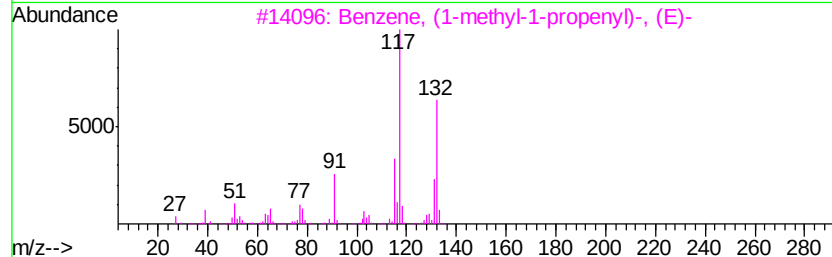
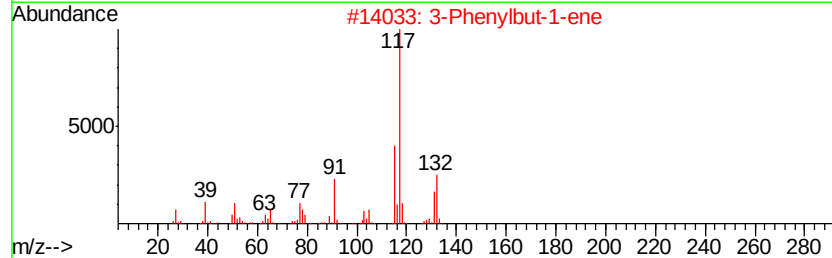
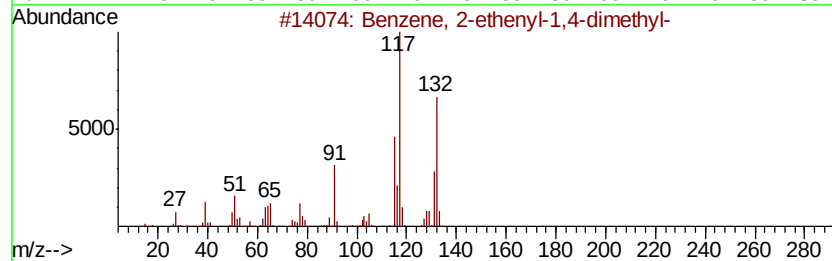
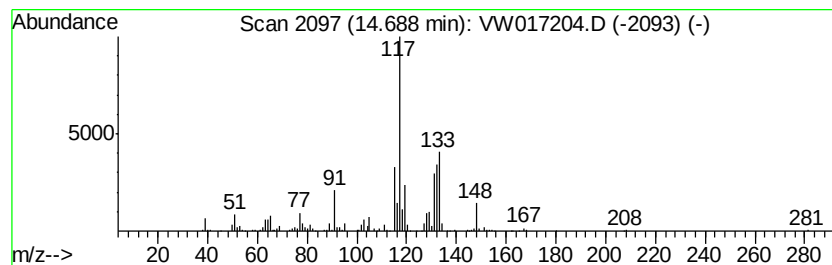
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Quant Title : VOC Analysis

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

Peak Number 25 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	10.28 ug/L	177671	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	64
2		3-Phenylbut-1-ene	132	C10H12	000934-10-1	58
3		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	58
4		1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	53
5		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW111320\
Data File : VW017204.D
Acq On : 13 Nov 2020 11:31
Operator : SY/VA
Sample : L4727-03RE
Misc : 5.43G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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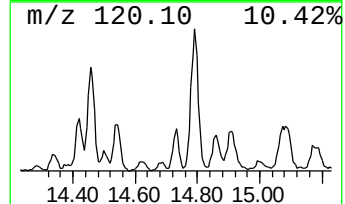
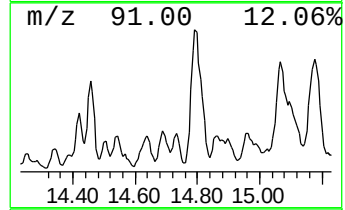
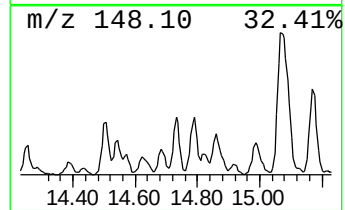
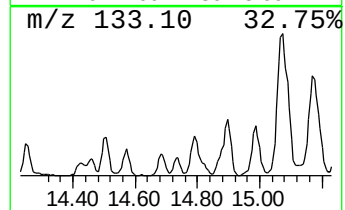
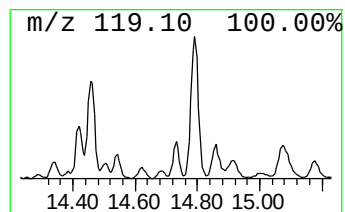
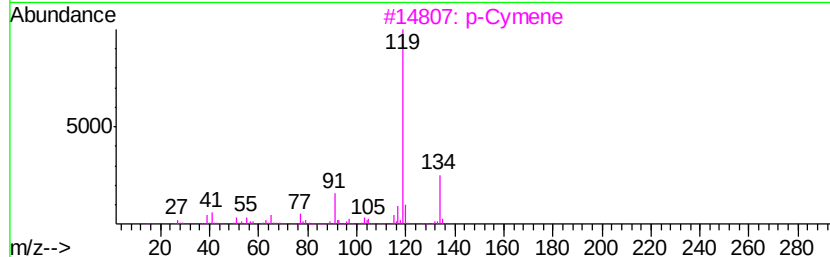
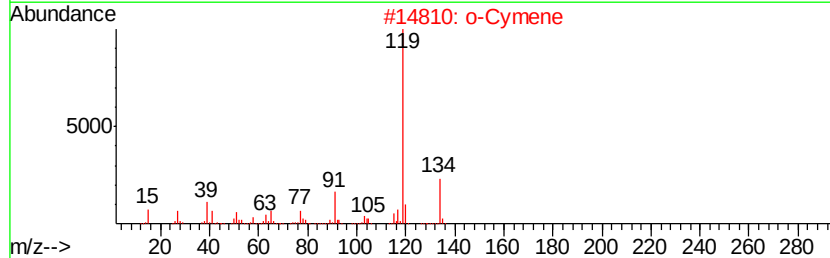
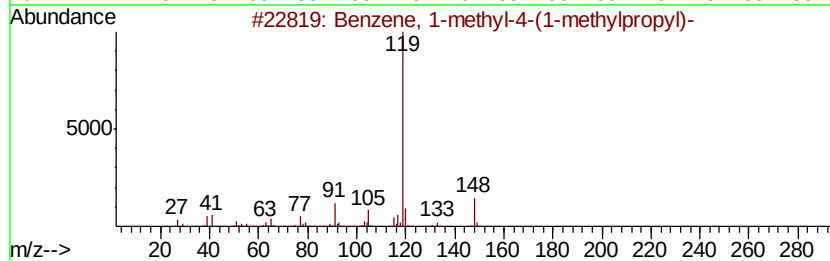
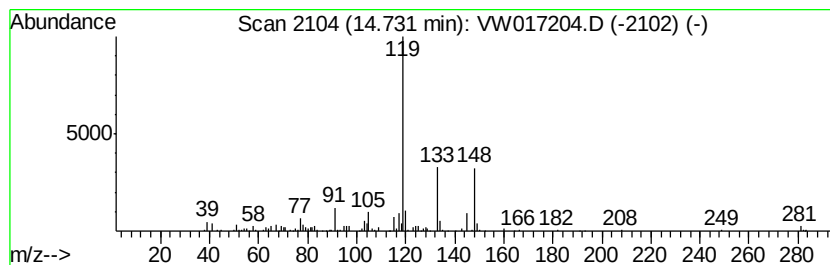
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Quant Title : VOC Analysis

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

Peak Number 26 Benzene, 1-methyl-4-(1-meth... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	7.90 ug/L	136460	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	81
2		o-Cymene	134	C10H14	000527-84-4	64
3		p-Cymene	134	C10H14	000099-87-6	64
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	64
5		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW111320\
Data File : VW017204.D
Acq On : 13 Nov 2020 11:31
Operator : SY/VA
Sample : L4727-03RE
Misc : 5.43G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AB8RE

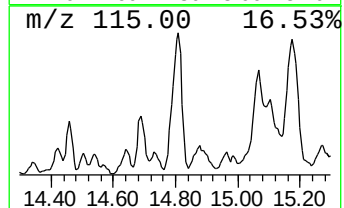
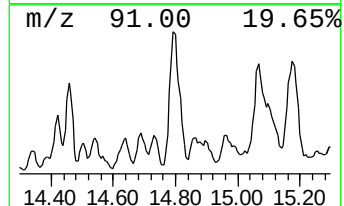
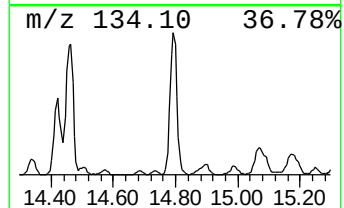
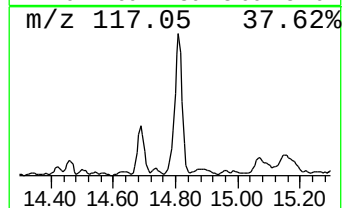
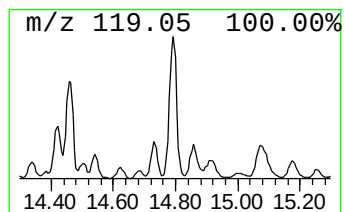
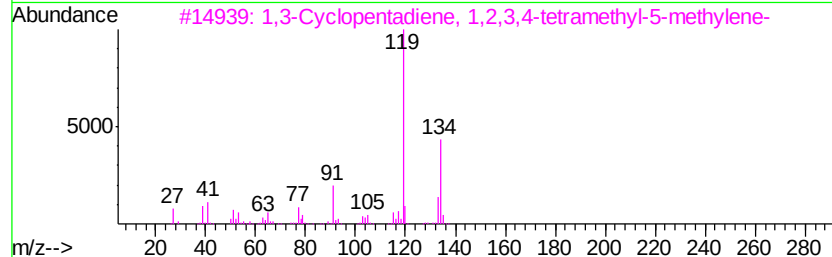
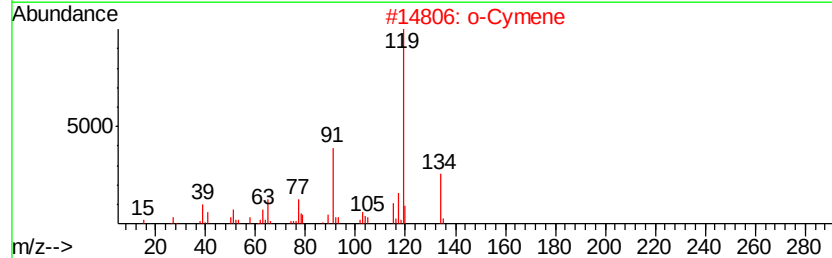
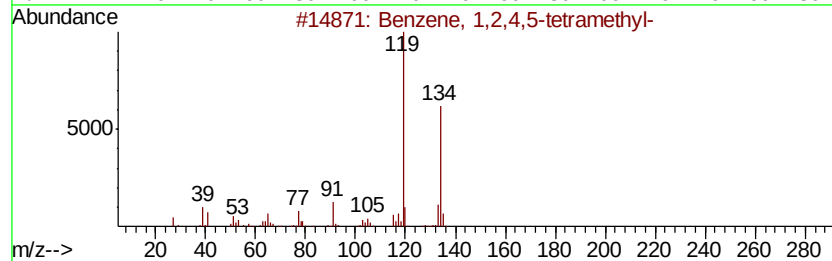
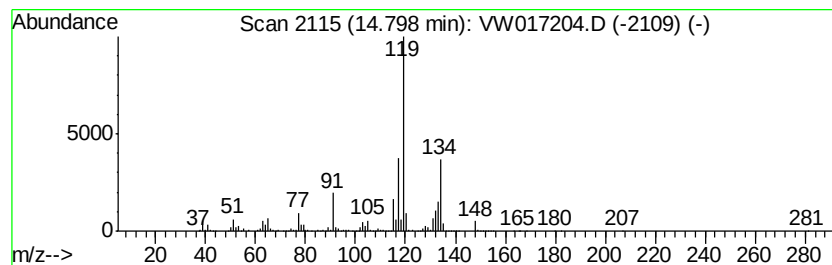
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Quant Title : VOC Analysis

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

Peak Number 27 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	55.26 ug/L	954691	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	81
2		o-Cymene	134	C10H14	000527-84-4	76
3		1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	76
4		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	76
5		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	68



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW111320\
Data File : VW017204.D
Acq On : 13 Nov 2020 11:31
Operator : SY/VA
Sample : L4727-03RE
Misc : 5.43G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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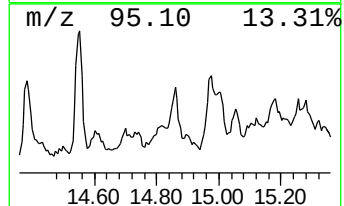
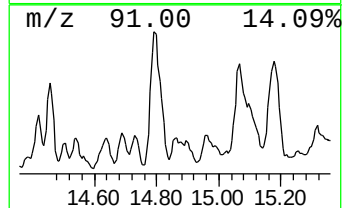
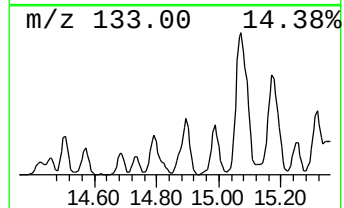
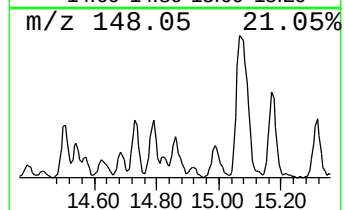
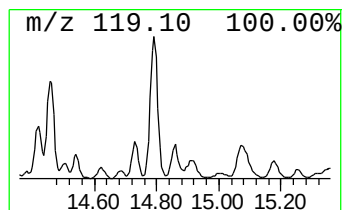
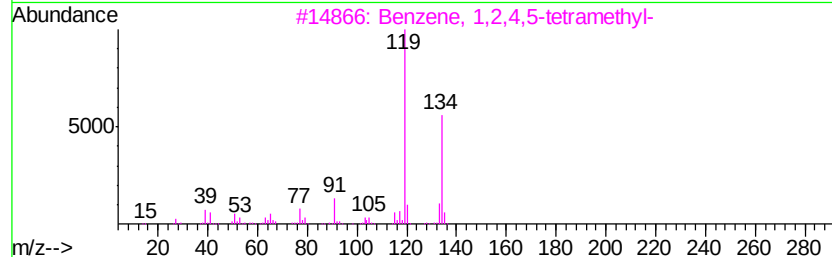
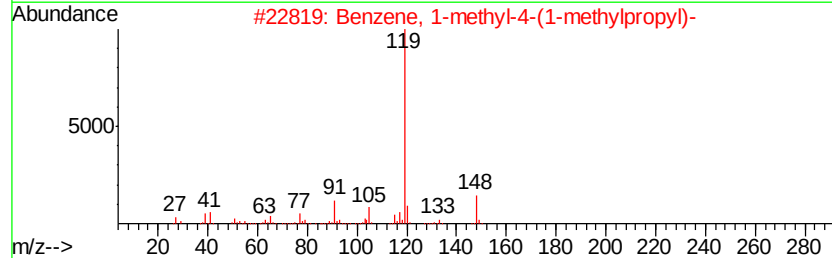
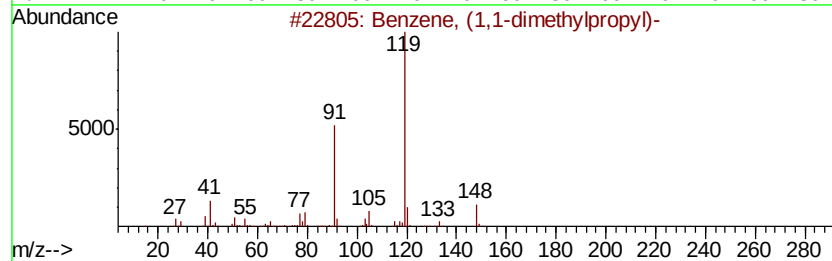
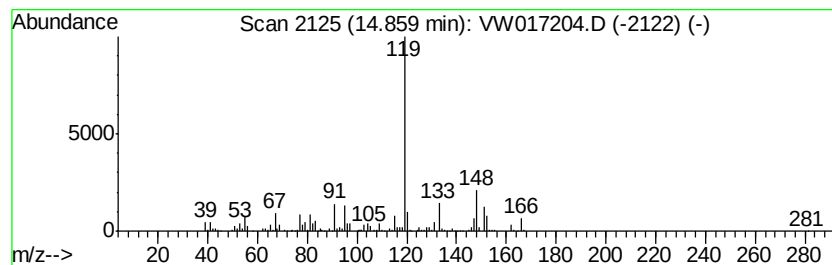
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Quant Title : VOC Analysis

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

Peak Number 28 Benzene, (1,1-dimethylpropyl)- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	10.49 ug/L	181246	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	58
2		Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	58
3		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	47
4		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	47
5		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW111320\
Data File : VW017204.D
Acq On : 13 Nov 2020 11:31
Operator : SY/VA
Sample : L4727-03RE
Misc : 5.43G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

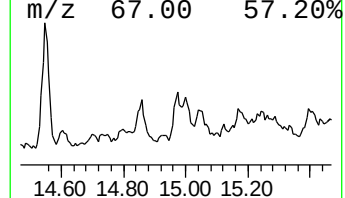
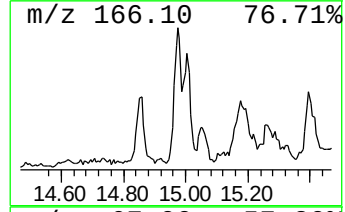
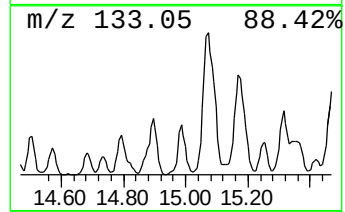
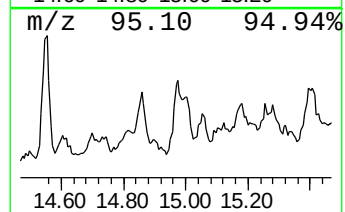
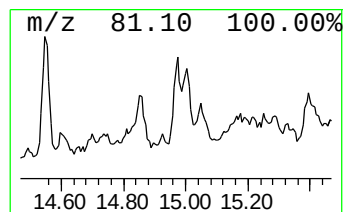
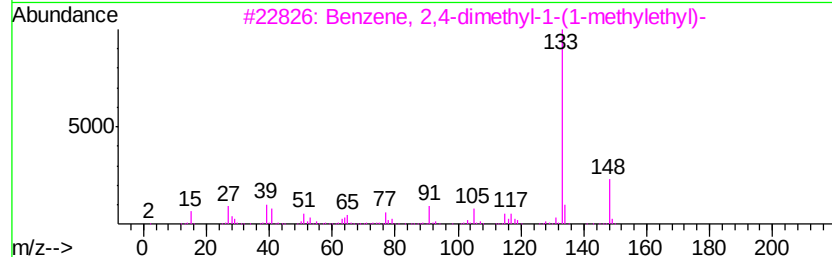
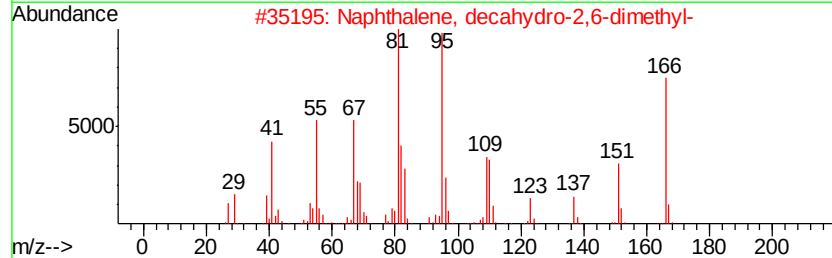
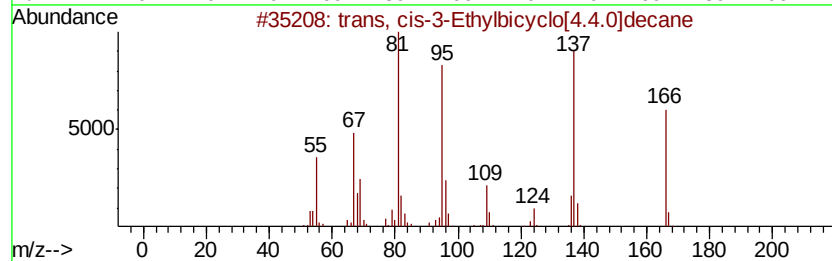
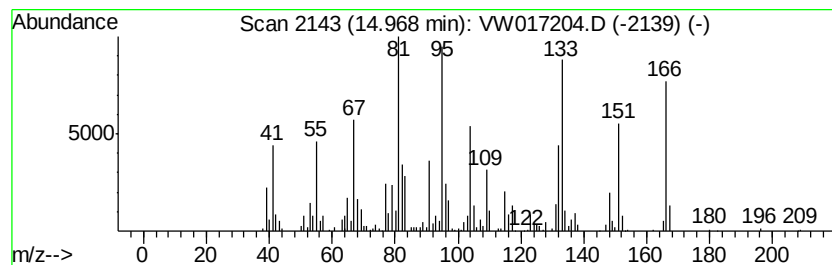
Instrument :
MSVOA_W
ClientSampleId :
C0AB8RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
Quant Title : VOC Analysis

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

Peak Number 29 trans, cis-3-Ethylbicyclo[4... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.97	14.69 ug/L	253722	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	trans, cis-3-Ethylbicyclo[4.4.0]...	166 C12H22	066660-43-3	50
2	Naphthalene, decahydro-2,6-dimet...	166 C12H22	001618-22-0	43
3	Benzene, 2,4-dimethyl-1-(1-methy...	148 C11H16	004706-89-2	38
4	trans, cis-2-Ethylbicyclo[4.4.0]...	166 C12H22	066660-39-7	35
5	Benzene, 1-(1,1-dimethylethyl)-3...	148 C11H16	001075-38-3	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW111320\
Data File : VW017204.D
Acq On : 13 Nov 2020 11:31
Operator : SY/VA
Sample : L4727-03RE
Misc : 5.43G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AB8RE

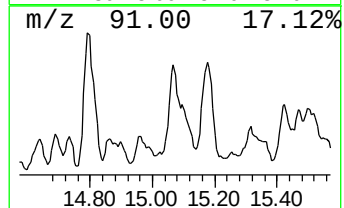
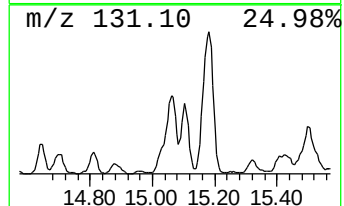
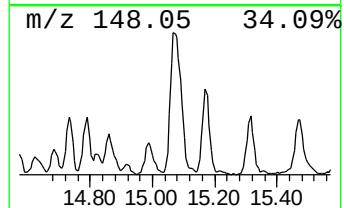
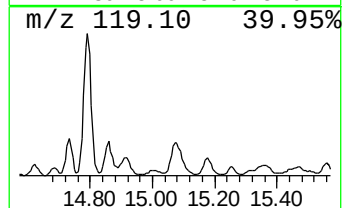
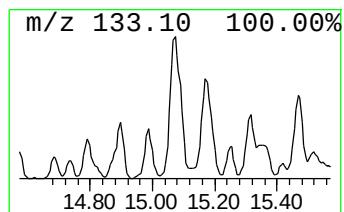
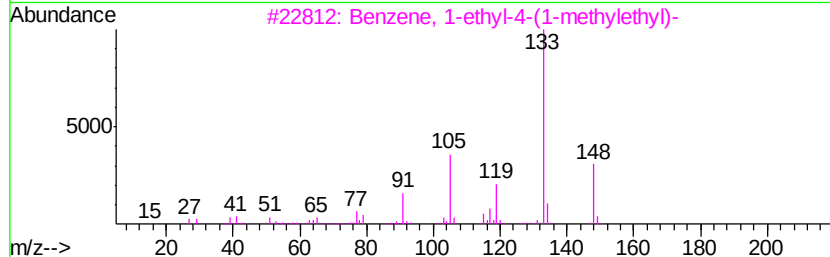
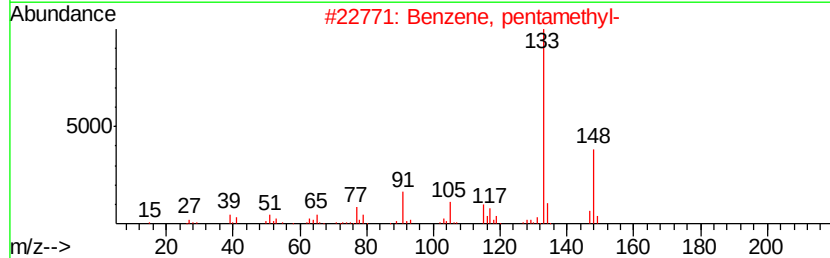
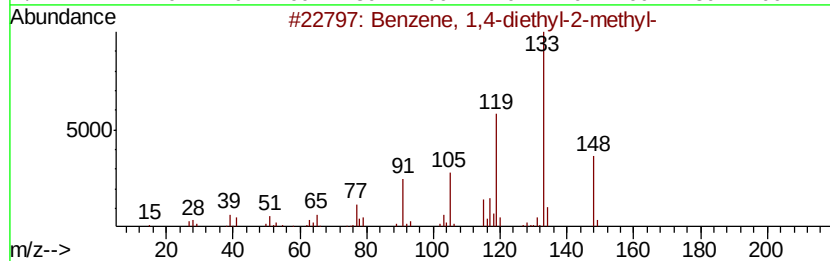
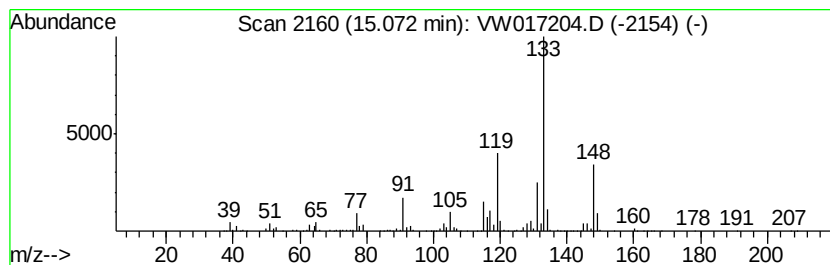
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Quant Title : VOC Analysis

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

Peak Number 30 Benzene, 1,4-diethyl-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	35.60 ug/L	615090	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	68
2		Benzene, pentamethyl-	148	C11H16	000700-12-9	64
3		Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	62
4		Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	62
5		Benzene, 1,4-dimethyl-2-(1-methy...	148	C11H16	004132-72-3	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW111320\
Data File : VW017204.D
Acq On : 13 Nov 2020 11:31
Operator : SY/VA
Sample : L4727-03RE
Misc : 5.43G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AB8RE

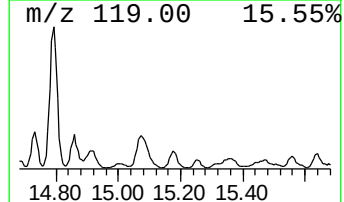
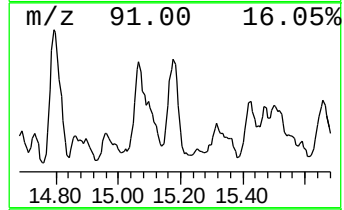
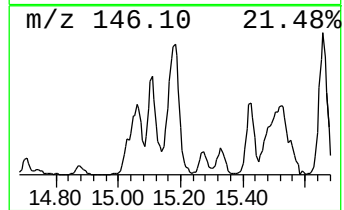
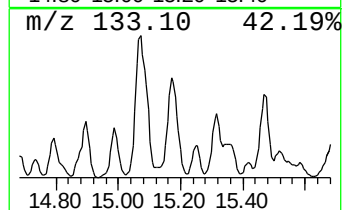
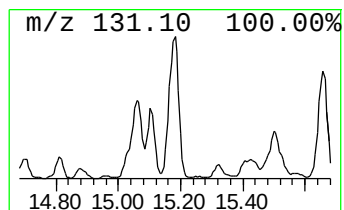
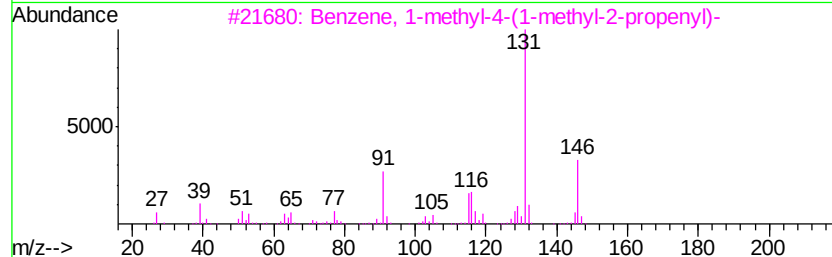
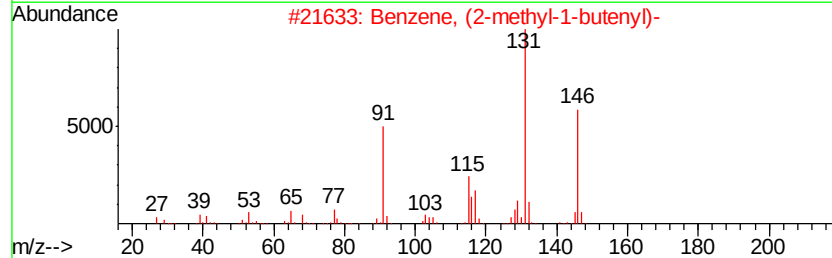
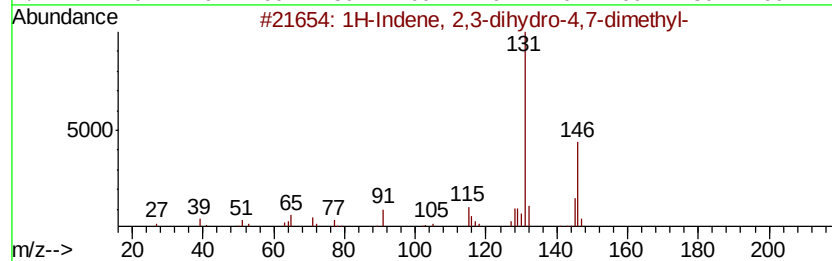
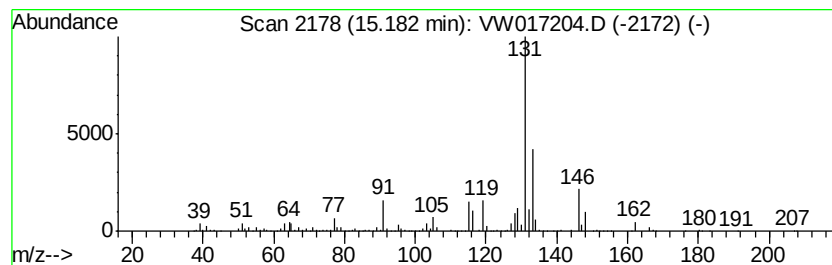
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Quant Title : VOC Analysis

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

Peak Number 31 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.18	44.76 ug/L	773273	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	64
2		Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	64
3		Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	64
4		2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	64
5		1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW111320\
Data File : VW017204.D
Acq On : 13 Nov 2020 11:31
Operator : SY/VA
Sample : L4727-03RE
Misc : 5.43G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AB8RE

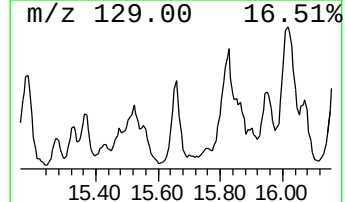
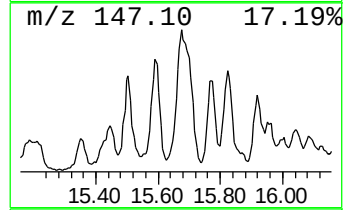
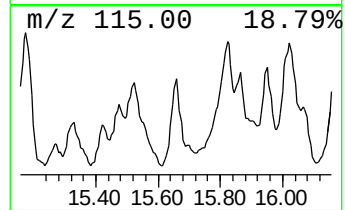
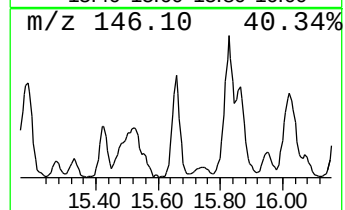
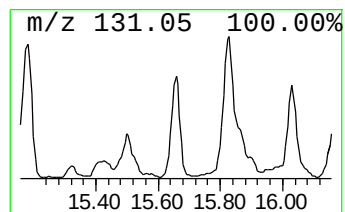
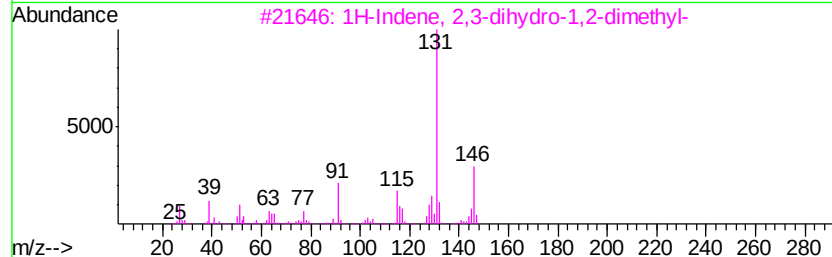
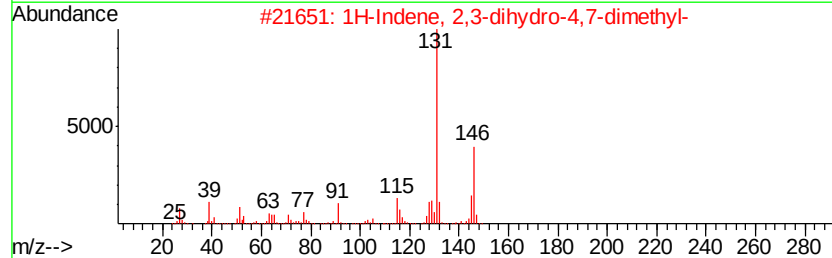
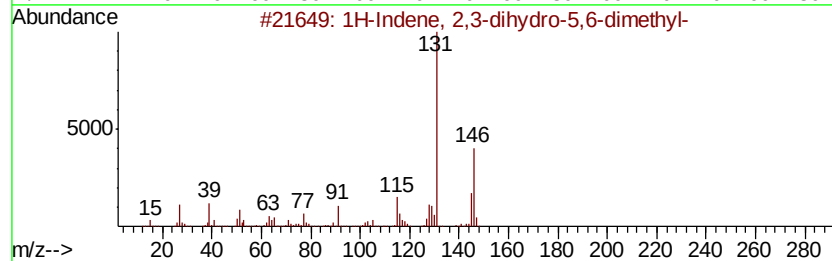
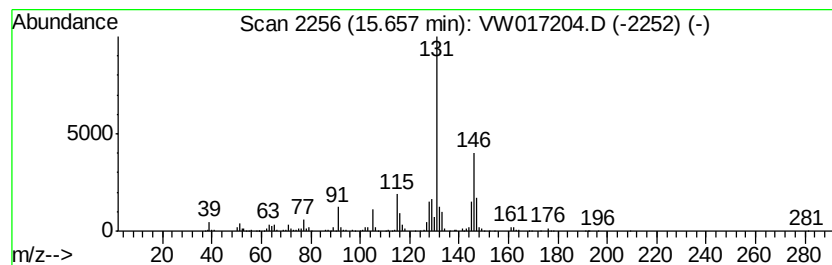
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Quant Title : VOC Analysis

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

Peak Number 32 1H-Indene, 2,3-dihydro-5,6-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.66	18.68 ug/L	322799	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	93
2		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	93
3		1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	90
4		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	90
5		Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW111320\
Data File : VW017204.D
Acq On : 13 Nov 2020 11:31
Operator : SY/VA
Sample : L4727-03RE
Misc : 5.43G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AB8RE

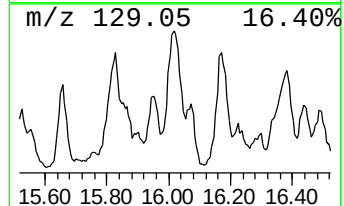
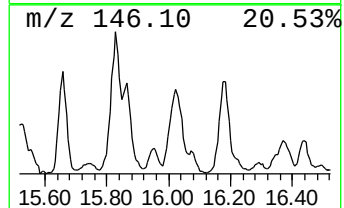
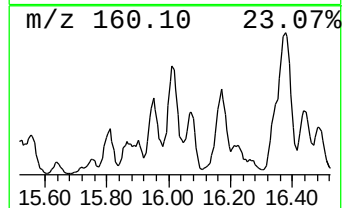
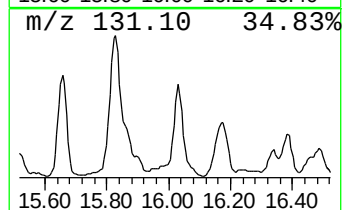
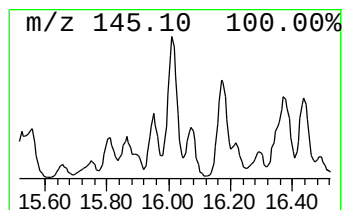
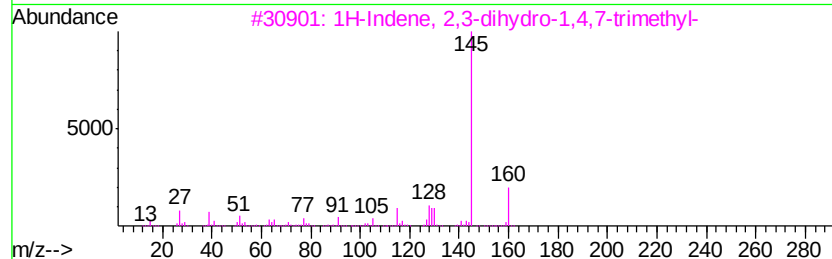
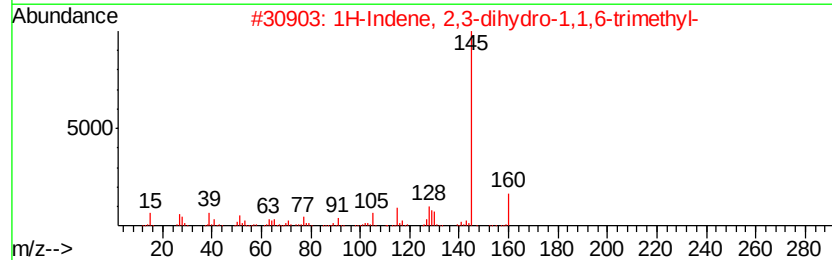
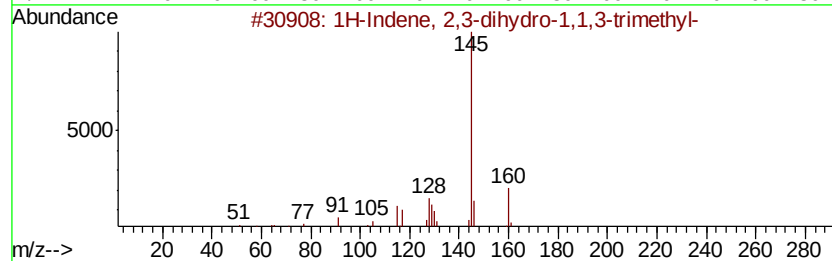
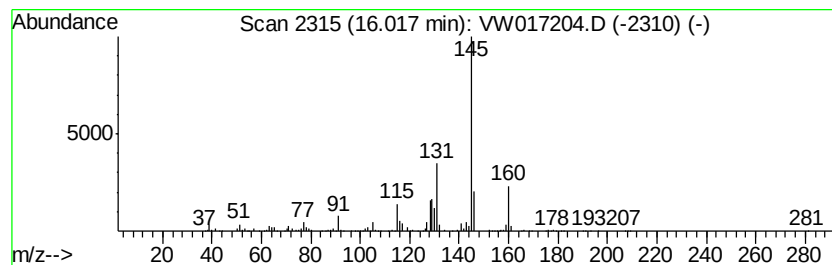
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Quant Title : VOC Analysis

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

Peak Number 34 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.02	36.35 ug/L	627911	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	87
2		1H-Indene, 2,3-dihydro-1,1,6-tri...	160	C12H16	014276-95-0	76
3		1H-Indene, 2,3-dihydro-1,4,7-tri...	160	C12H16	054340-87-3	76
4		Benzene, 1-(1-methylethenyl)-2-(...	160	C12H16	005557-93-7	74
5		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	74



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW111320\
Data File : VW017204.D
Acq On : 13 Nov 2020 11:31
Operator : SY/VA
Sample : L4727-03RE
Misc : 5.43G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AB8RE

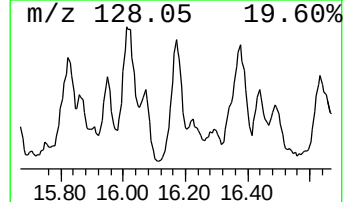
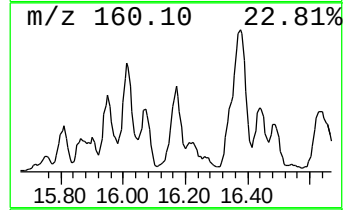
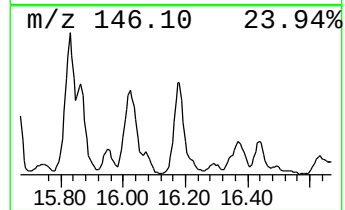
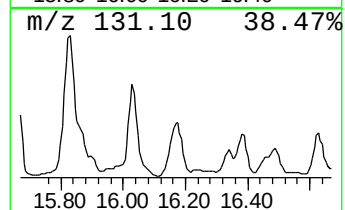
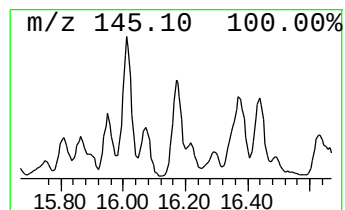
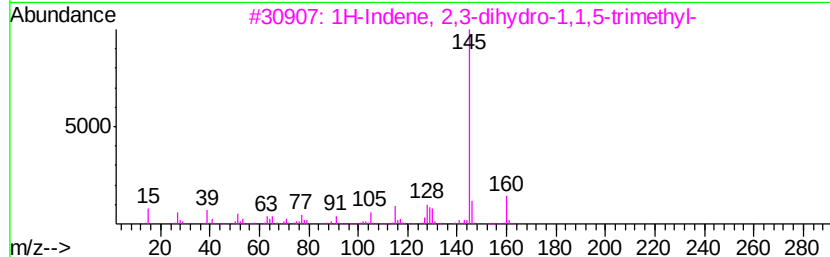
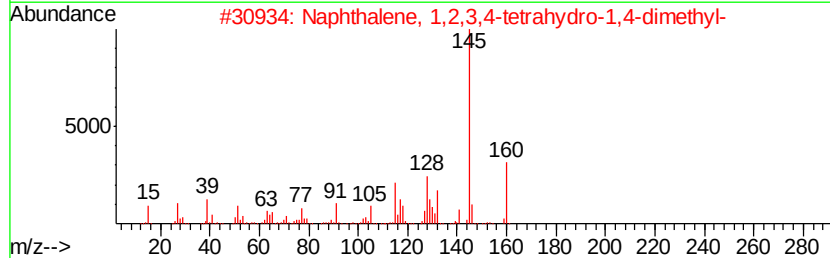
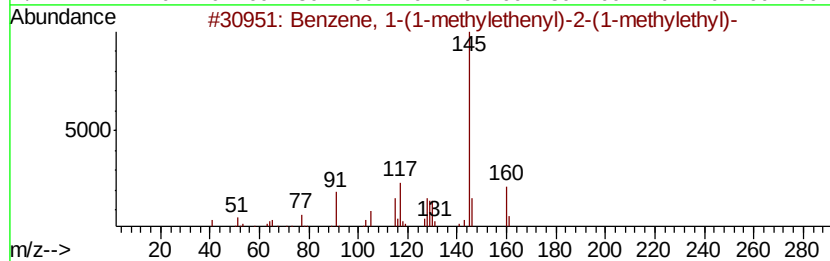
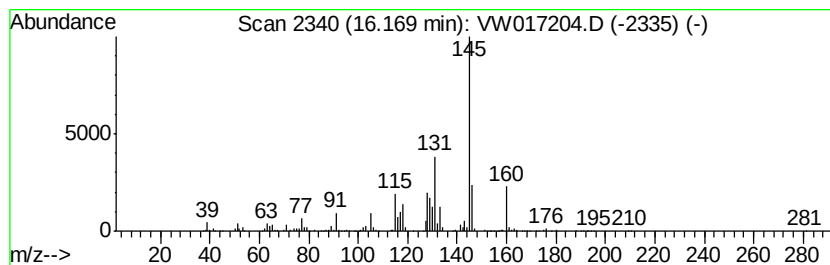
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Quant Title : VOC Analysis

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

Peak Number 35 Benzene, 1-(1-methylethenyl)... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.17	33.49 ug/L	578549	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-(1-methylethenyl)-2-(...	160	C12H16	005557-93-7	70
2		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	70
3		1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	62
4		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001985-59-7	60
5		Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW111320\
Data File : VW017204.D
Acq On : 13 Nov 2020 11:31
Operator : SY/VA
Sample : L4727-03RE
Misc : 5.43G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

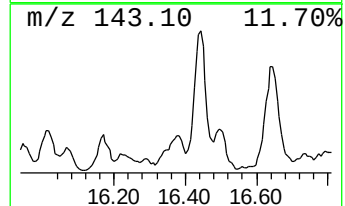
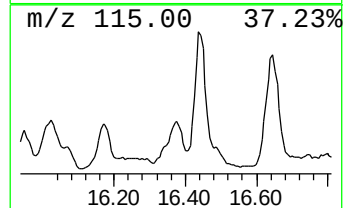
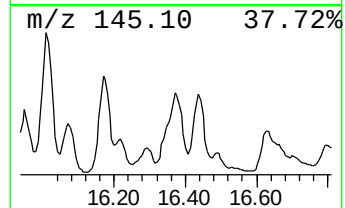
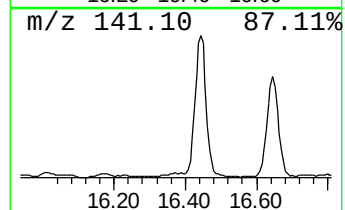
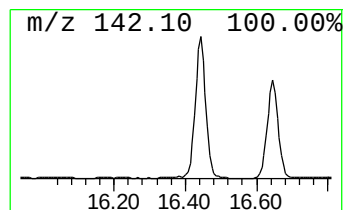
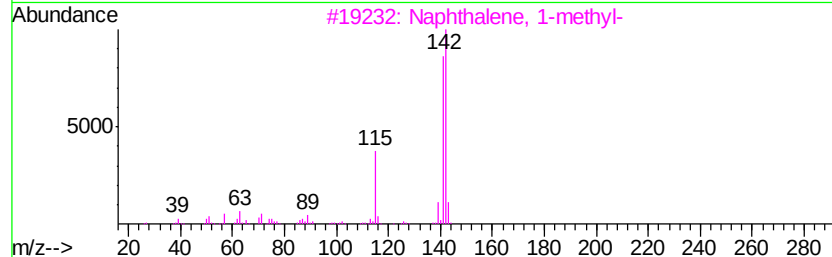
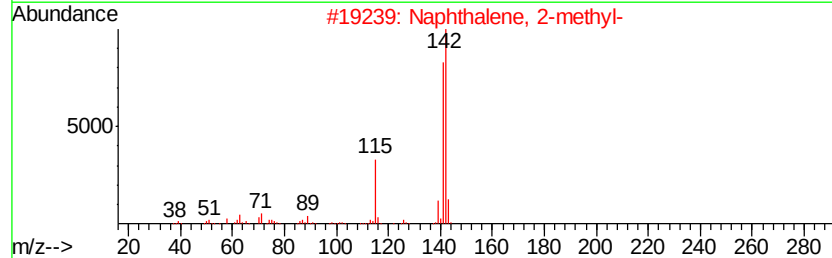
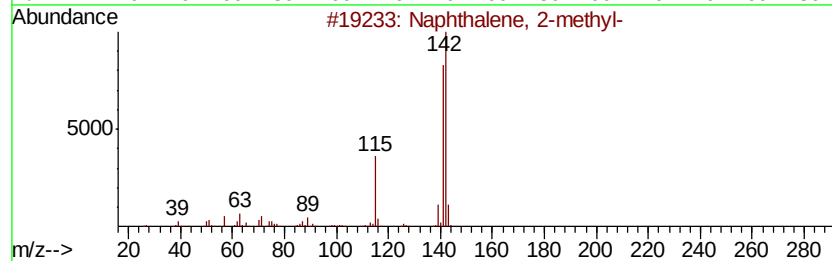
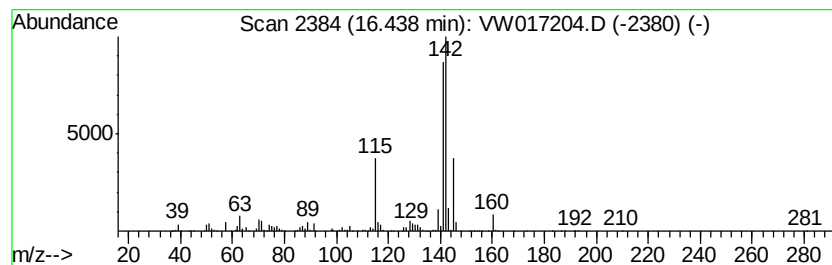
Instrument :
MSVOA_W
ClientSampleId :
C0AB8RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
Quant Title : VOC Analysis

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

Peak Number 36 Naphthalene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
16.44	50.10 ug/L	865556	1,4-Dichlorobenzene-d4	13.56		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96	
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96	
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96	
4	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94	
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	90	



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111320\
 Data File : VW017204.D
 Acq On : 13 Nov 2020 11:31
 Operator : SY/VA
 Sample : L4727-03RE
 Misc : 5.43G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AB8RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.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
(DEL) Alkane: Str...	12.78	2.7	ug/L	46087	3	13.56	431908	25.0
Benzene, 1,2,4-tr...	12.94	7.8	ug/L	134826	3	13.56	431908	25.0
Benzene, 1-ethyl-...	13.10	3.2	ug/L	55995	3	13.56	431908	25.0
Benzene, 1,2,3-tr...	13.26	4.4	ug/L	75909	3	13.56	431908	25.0
2-Tolyloxirane	13.39	1.7	ug/L	29755	3	13.56	431908	25.0
(DEL) Alkane: Str...	13.70	2.4	ug/L	42069	3	13.56	431908	25.0
Benzene, 1-propenyl-	13.76	3.9	ug/L	68028	3	13.56	431908	25.0
Benzene, 1-ethyl-...	13.79	7.6	ug/L	131706	3	13.56	431908	25.0
Benzene, 1-methyl...	13.95	3.0	ug/L	52383	3	13.56	431908	25.0
o-Cymene	14.10	11.6	ug/L	201091	3	13.56	431908	25.0
1-Phenyl-1-butene	14.16	2.0	ug/L	35465	3	13.56	431908	25.0
3-Phenylbut-1-ene	14.21	12.7	ug/L	220033	3	13.56	431908	25.0
3,4-Dimethylcumene	14.26	6.9	ug/L	119195	3	13.56	431908	25.0
Benzene, 4-ethyl-...	14.34	5.5	ug/L	94407	3	13.56	431908	25.0
trans-Decalin, 2-...	14.38	7.8	ug/L	135475	3	13.56	431908	25.0
Benzene, 1-ethyl-...	14.46	20.7	ug/L	356960	3	13.56	431908	25.0
Benzene, 2,4-diet...	14.50	6.0	ug/L	104025	3	13.56	431908	25.0
Naphthalene, deca...	14.55	17.9	ug/L	310033	3	13.56	431908	25.0
Benzene, 2-etheny...	14.69	10.3	ug/L	177671	3	13.56	431908	25.0
Benzene, 1-methyl...	14.73	7.9	ug/L	136460	3	13.56	431908	25.0
Benzene, 1,2,4,5-...	14.80	55.3	ug/L	954691	3	13.56	431908	25.0
Benzene, (1,1-dim...	14.86	10.5	ug/L	181246	3	13.56	431908	25.0
trans, cis-3-Ethy...	14.97	14.7	ug/L	253722	3	13.56	431908	25.0
Benzene, 1,4-diet...	15.07	35.6	ug/L	615090	3	13.56	431908	25.0
1H-Indene, 2,3-di...	15.18	44.8	ug/L	773273	3	13.56	431908	25.0
1H-Indene, 2,3-di...	15.66	18.7	ug/L	322799	3	13.56	431908	25.0
1H-Indene, 2,3-di...	16.02	36.4	ug/L	627911	3	13.56	431908	25.0
Benzene, 1-(1-met...	16.17	33.5	ug/L	578549	3	13.56	431908	25.0
Naphthalene, 1-me...	16.44	50.1	ug/L	865556	3	13.56	431908	25.0