

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW012920\
 Data File : VW014792.D
 Acq On : 29 Jan 2020 13:13
 Operator : SY/VA
 Sample : L1271-07
 Misc : 5.03G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GASZ8

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\SOM2WLM012720S.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	2.148	36	40	46	rBV3	13357	29050	0.05%	0.014%
2	2.349	67	73	87	rVB	313679	552373	0.97%	0.264%
3	2.885	154	161	177	rBV	227152	527060	0.92%	0.252%
4	3.465	255	256	259	rVB3	1219	793	0.00%	0.000%
5	3.672	287	290	294	rVV4	912	1392	0.00%	0.001%
6	4.013	334	346	361	rBV	384873	1146997	2.01%	0.547%
7	4.263	385	387	389	rBV3	930	1180	0.00%	0.001%
8	4.324	395	397	401	rVB5	725	831	0.00%	0.000%
9	4.367	401	404	407	rBV2	753	1073	0.00%	0.001%
10	4.659	449	452	457	rBV4	1101	1684	0.00%	0.001%
11	4.916	482	494	508	rBV2	37354	129165	0.23%	0.062%
12	5.037	513	514	518	rVV4	704	832	0.00%	0.000%
13	5.129	527	529	531	rVV3	807	787	0.00%	0.000%
14	5.153	531	533	536	rVV2	691	928	0.00%	0.000%
15	5.800	637	639	641	rVV2	947	828	0.00%	0.000%
16	5.940	651	662	672	rBV5	8145	24739	0.04%	0.012%
17	6.263	712	715	717	rBV3	693	1061	0.00%	0.001%
18	6.866	811	814	821	rVB4	1342	2242	0.00%	0.001%
19	6.921	821	823	827	rBV2	1002	1104	0.00%	0.001%
20	7.074	835	848	855	rBV	83095	250783	0.44%	0.120%
21	7.250	868	877	891	rVB	155365	386849	0.68%	0.185%
22	7.519	918	921	924	rBV3	805	1013	0.00%	0.000%
23	7.647	931	942	953	rBV	537275	1320944	2.32%	0.630%
24	7.952	983	992	1000	rBV8	3754	10508	0.02%	0.005%
25	8.067	1005	1011	1014	rBV3	1358	2327	0.00%	0.001%
26	8.275	1034	1045	1062	rBV2	1126833	3277356	5.75%	1.564%
27	8.683	1110	1112	1116	rBV4	1491	2120	0.00%	0.001%
28	8.842	1128	1138	1149	rBV	1063945	2107737	3.70%	1.006%
29	9.073	1170	1176	1183	rVV6	3139	7564	0.01%	0.004%
30	9.268	1199	1208	1219	rBV	726324	1498700	2.63%	0.715%
31	9.585	1258	1260	1264	rBV4	832	888	0.00%	0.000%
32	9.659	1264	1272	1277	rBV7	2533	5982	0.01%	0.003%
33	9.799	1293	1295	1299	rBV2	686	826	0.00%	0.000%
34	10.030	1325	1333	1344	rBV	375380	686670	1.20%	0.328%

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 Title : VOC Analysis

35	10.158	1353	1354	1357	rVB3	1388	931	0.00%	0.000%
36	10.207	1357	1362	1368	rBV6	2979	6721	0.01%	0.003%
37	10.323	1372	1381	1387	rBV	1549177	2734399	4.80%	1.305%
38	10.384	1387	1391	1401	rVB	140052	240190	0.42%	0.115%
39	10.573	1414	1422	1433	rBV	245558	436364	0.77%	0.208%
40	10.701	1437	1443	1450	rVB2	14306	24906	0.04%	0.012%
41	10.853	1466	1468	1472	rVV4	1655	2193	0.00%	0.001%
42	10.921	1472	1479	1493	rVV	326905	565630	0.99%	0.270%
43	11.061	1496	1502	1509	rBV2	23978	41396	0.07%	0.020%
44	11.439	1558	1564	1574	rVB9	2440	7763	0.01%	0.004%
45	11.573	1583	1586	1587	rBV2	817	806	0.00%	0.000%
46	11.628	1587	1595	1606	rVV	1500361	2494085	4.38%	1.190%
47	11.725	1606	1611	1620	rVV	30237	56329	0.10%	0.027%
48	11.835	1621	1629	1646	rVV	278782	524310	0.92%	0.250%
49	11.969	1647	1651	1655	rVV5	2047	3478	0.01%	0.002%
50	12.036	1659	1662	1666	rVB5	2862	3579	0.01%	0.002%
51	12.164	1672	1683	1694	rBV3	534914	1049359	1.84%	0.501%
52	12.292	1702	1704	1708	rVB4	1975	2906	0.01%	0.001%
53	12.347	1709	1713	1721	rVB10	1793	3705	0.01%	0.002%
54	12.463	1727	1732	1738	rBV3	9239	14740	0.03%	0.007%
55	12.560	1746	1748	1751	rBV3	914	840	0.00%	0.000%
56	12.603	1751	1755	1760	rVB2	7502	13607	0.02%	0.006%
57	12.689	1760	1769	1774	rBV	494957	811058	1.42%	0.387%
58	12.737	1774	1777	1783	rVV2	55563	82933	0.15%	0.040%
59	12.804	1783	1788	1792	rVV	73262	110905	0.19%	0.053%
60	12.865	1792	1798	1802	rBV	577724	977485	1.72%	0.466%
61	12.938	1806	1810	1817	rVB	984977	1535740	2.69%	0.733%
62	13.109	1830	1838	1845	rBV2	353898	730315	1.28%	0.348%
63	13.249	1850	1861	1865	rBV	3803059	6007725	10.54%	2.867%
64	13.298	1865	1869	1874	rVB	3774385	5303462	9.31%	2.531%
65	13.347	1874	1877	1887	rVB	1170865	1770469	3.11%	0.845%
66	13.438	1888	1892	1897	rBV	39742	62554	0.11%	0.030%
67	13.499	1897	1902	1905	rBV4	28924	49624	0.09%	0.024%
68	13.554	1905	1911	1914	rBV	1494753	2706096	4.75%	1.291%
69	13.621	1920	1922	1930	rVB	510471	697202	1.22%	0.333%
70	13.713	1931	1937	1939	rBV2	133647	234634	0.41%	0.112%
71	13.755	1939	1944	1947	rBV2	607057	958318	1.68%	0.457%

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72	13.853	1954	1960	1967	rVB	1320897	2417629	4.24%	1.154%
73	13.938	1967	1974	1981	rVB	5395346	8929249	15.67%	4.261%
74	14.011	1981	1986	1987	rBV	181895	258631	0.45%	0.123%
75	14.042	1988	1991	1992	rVV	233509	310443	0.54%	0.148%
76	14.091	1996	1999	2003	rVB	316100	430361	0.76%	0.205%
77	14.139	2003	2007	2013	rVB	409181	776735	1.36%	0.371%
78	14.231	2013	2022	2027	rBV	1670317	2639243	4.63%	1.259%
79	14.280	2027	2030	2035	rVB	331718	480394	0.84%	0.229%
80	14.335	2035	2039	2044	rBV2	109579	153135	0.27%	0.073%
81	14.414	2044	2052	2055	rBV	472328	834525	1.46%	0.398%
82	14.457	2055	2059	2064	rBV3	948622	1445630	2.54%	0.690%
83	14.554	2070	2075	2080	rBV	1073021	1632613	2.86%	0.779%
84	14.688	2092	2097	2100	rBV	347035	570386	1.00%	0.272%
85	14.725	2100	2103	2108	rVB2	304140	415728	0.73%	0.198%
86	14.792	2108	2114	2121	rBV3	986724	2058104	3.61%	0.982%
87	14.871	2121	2127	2134	rVB	2877930	4603812	8.08%	2.197%
88	14.950	2134	2140	2148	rVB	4602829	7788330	13.67%	3.716%
89	15.054	2152	2157	2162	rBV2	340927	588047	1.03%	0.281%
90	15.176	2172	2177	2183	rBV5	126547	318717	0.56%	0.152%
91	15.365	2201	2208	2219	rVB	25191075	46606056	81.78%	22.239%
92	15.462	2219	2224	2231	rBV	247820	444709	0.78%	0.212%
93	15.554	2235	2239	2248	rVB	205587	352828	0.62%	0.168%
94	15.658	2251	2256	2259	rBV	118016	226421	0.40%	0.108%
95	15.846	2281	2287	2292	rBV2	257251	519984	0.91%	0.248%
96	15.968	2299	2307	2312	rBV2	296540	728098	1.28%	0.347%
97	16.377	2368	2374	2376	rBV	171196	330643	0.58%	0.158%
98	16.438	2376	2384	2399	rVB	26163018	56991303	100.00%	27.195%
99	16.560	2400	2404	2409	rVV	56984	127826	0.22%	0.061%
100	16.639	2409	2417	2428	rVB	10860006	24335305	42.70%	11.612%

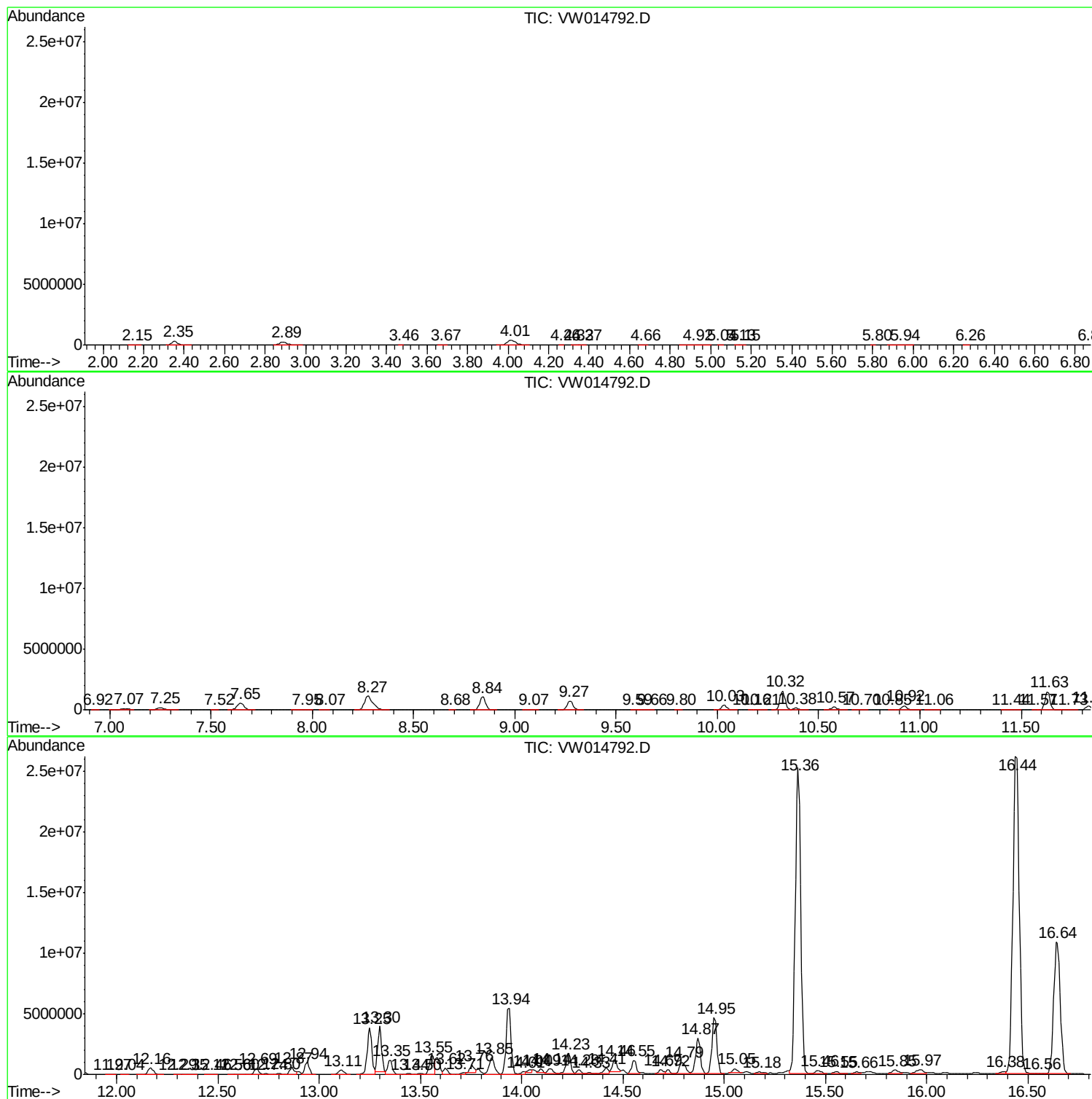
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM012720S.M
Quant Title : VOC Analysis

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



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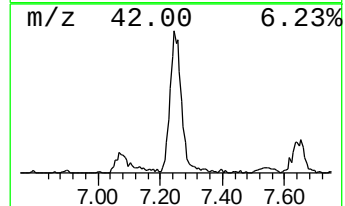
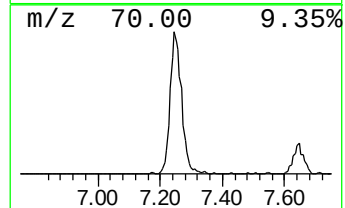
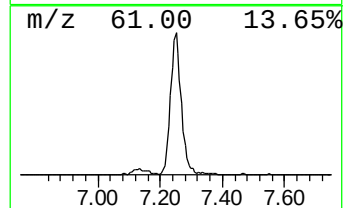
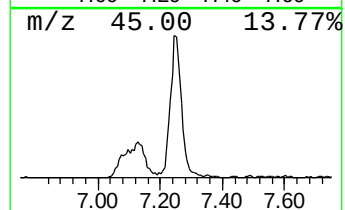
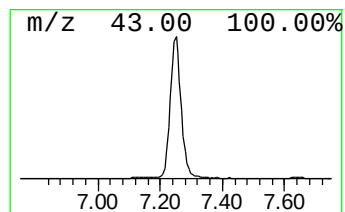
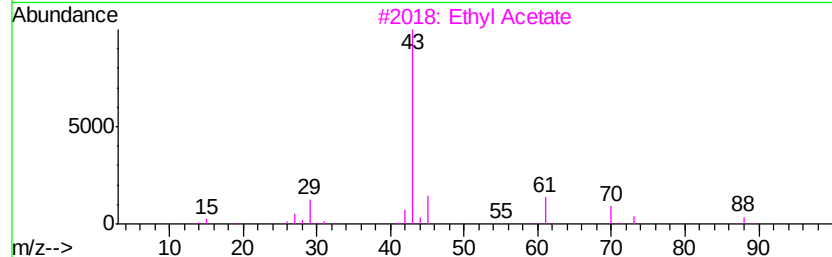
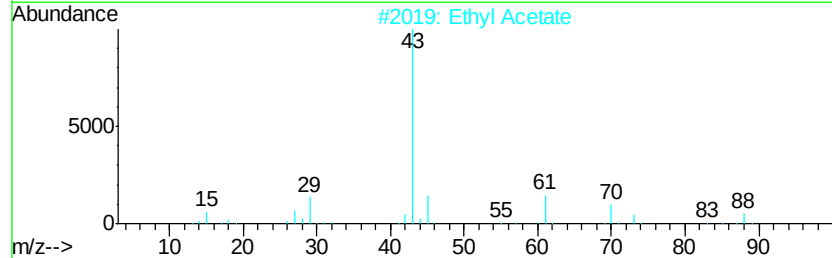
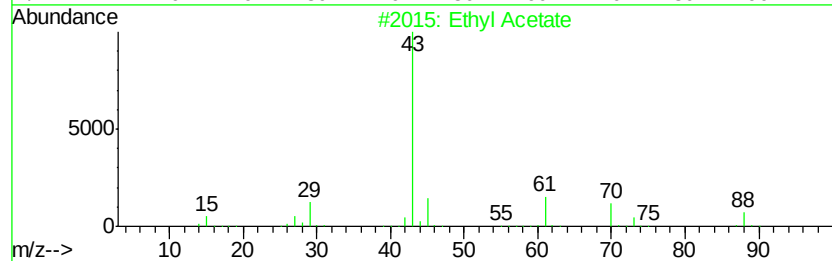
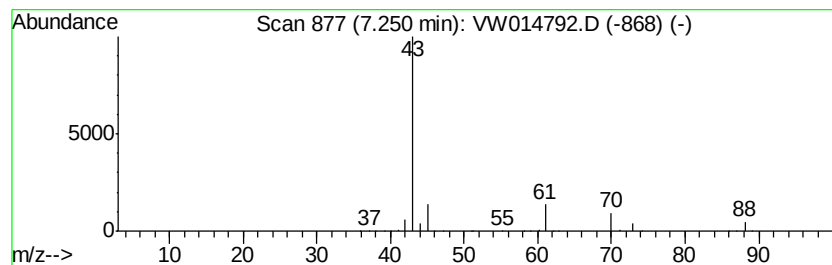
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM012720S.M
Quant Title : VOC Analysis

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

Peak Number 1 Ethyl Acetate Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.25	4.59 ug/L	386849	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethyl Acetate	88	C4H8O2	000141-78-6	90
2		Ethyl Acetate	88	C4H8O2	000141-78-6	90
3		Ethyl Acetate	88	C4H8O2	000141-78-6	86
4		Ethyl Acetate	88	C4H8O2	000141-78-6	59
5		CH3C(O)CH2CH2OH	88	C4H8O2	000590-90-9	9



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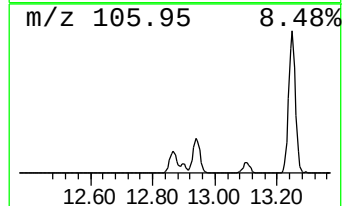
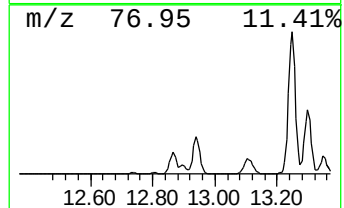
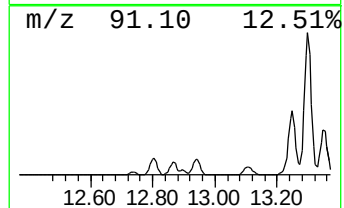
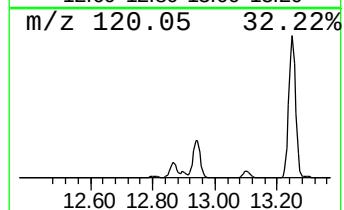
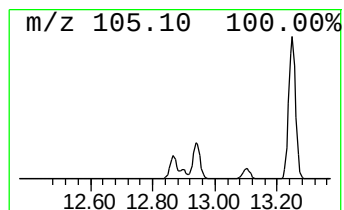
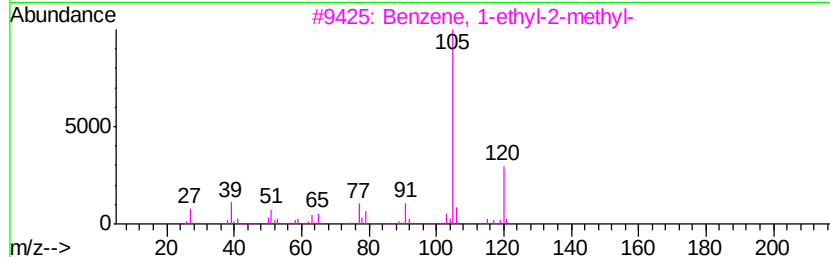
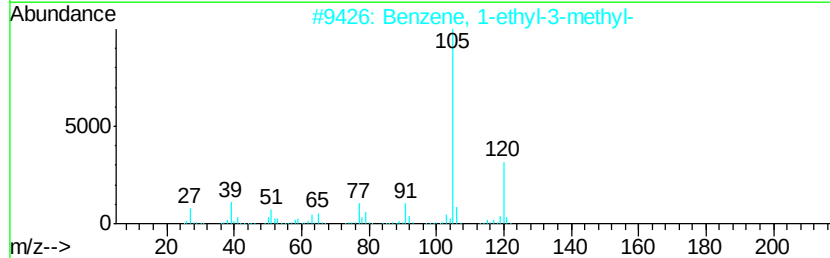
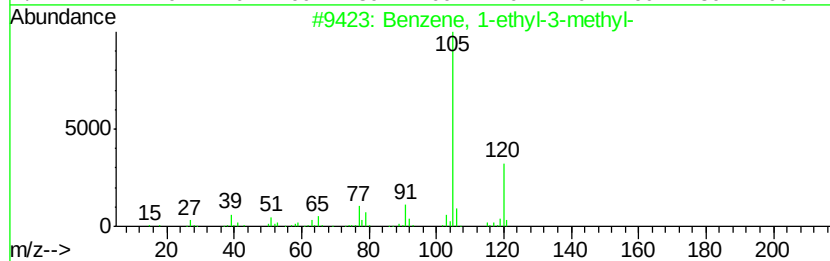
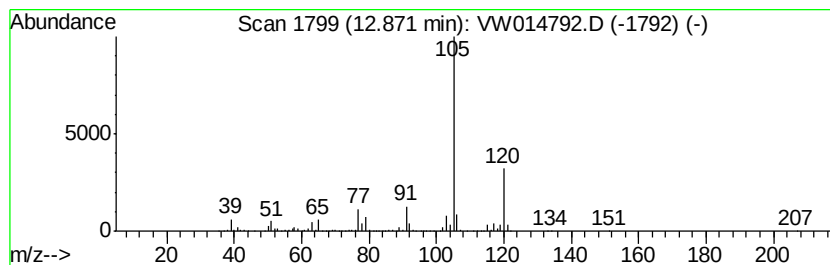
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Quant Title : VOC Analysis

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

Peak Number 3 Benzene, 1-ethyl-3-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	9.03 ug/L	977485	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	97
2		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
3		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
4		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
5		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91



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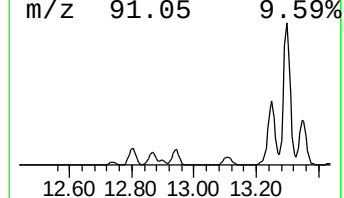
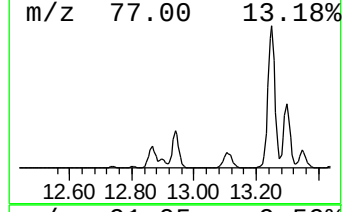
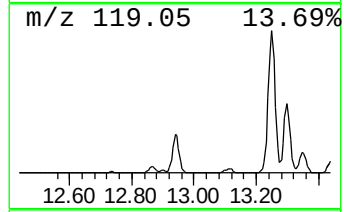
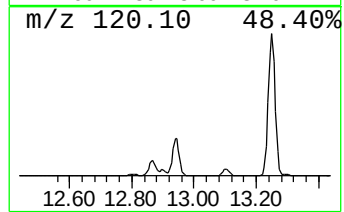
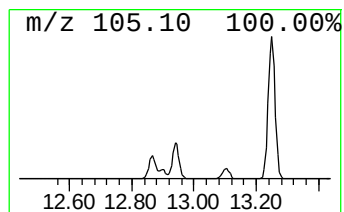
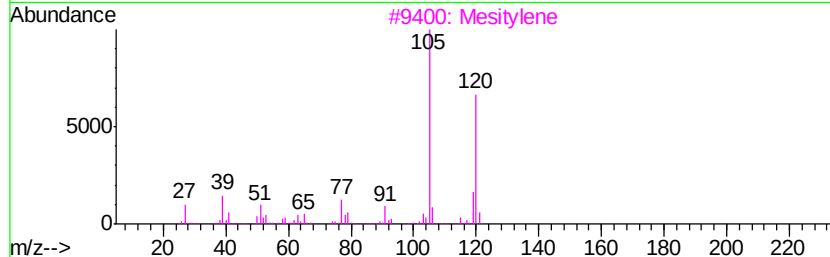
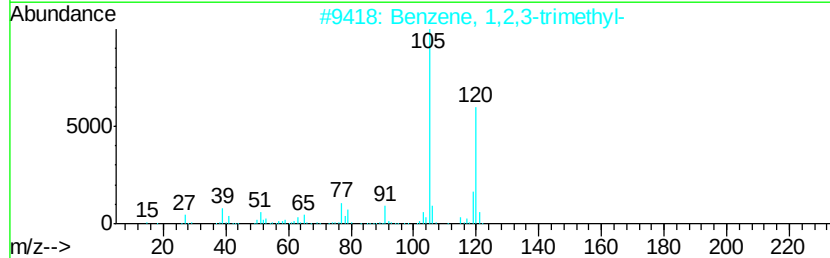
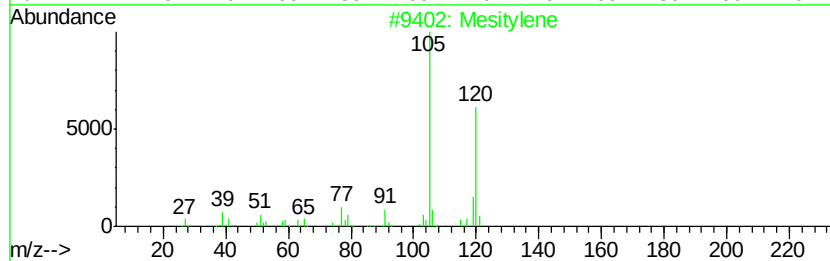
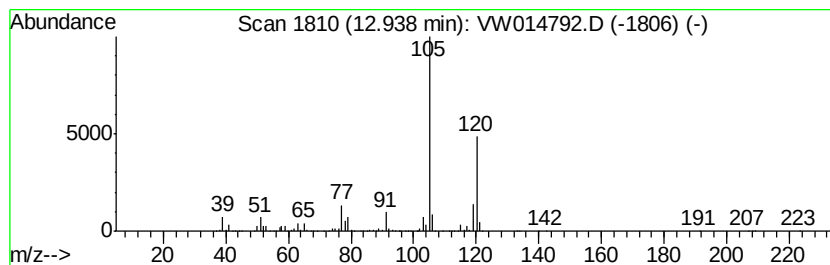
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Peak Number 4 Mesitylene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.94	14.19 ug/L	1535740	1,4-Dichlorobenzene-d4	13.55

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene		120	C9H12	000108-67-8	97
2	Benzene, 1,2,3-trimethyl-		120	C9H12	000526-73-8	97
3	Mesitylene		120	C9H12	000108-67-8	95
4	Mesitylene		120	C9H12	000108-67-8	95
5	Mesitylene		120	C9H12	000108-67-8	95



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW012920\
Data File : VW014792.D
Acq On : 29 Jan 2020 13:13
Operator : SY/VA
Sample : L1271-07
Misc : 5.03G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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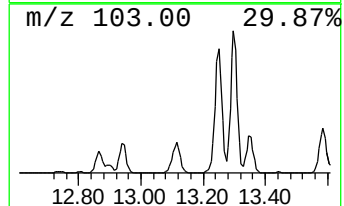
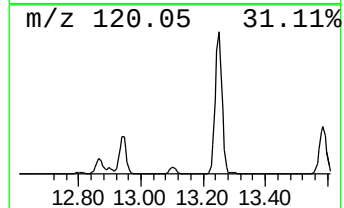
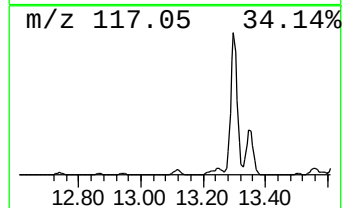
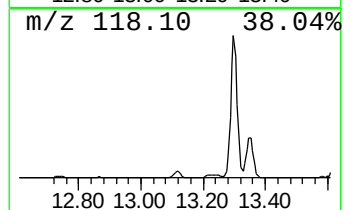
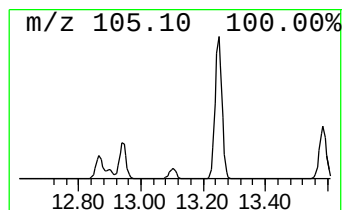
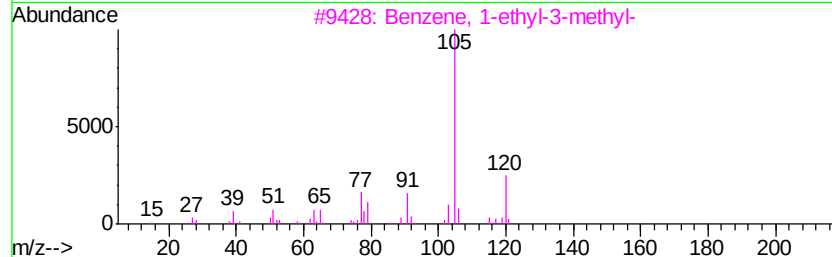
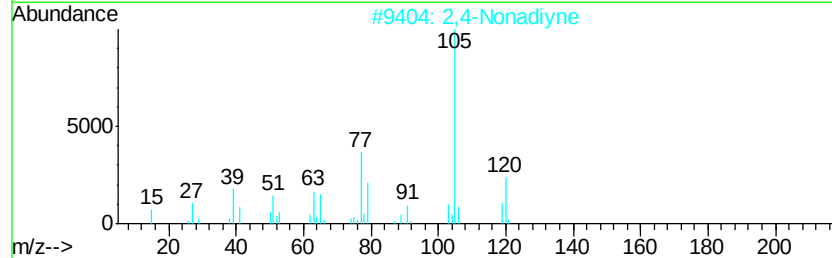
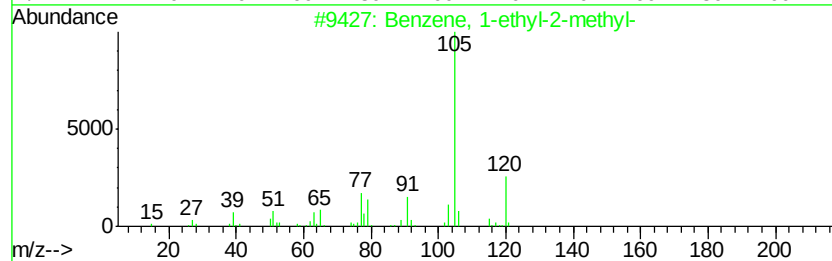
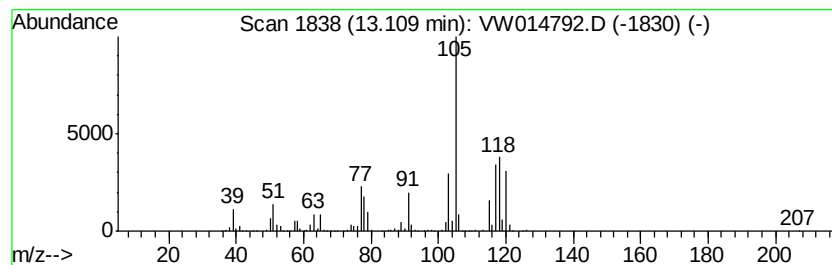
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Quant Title : VOC Analysis

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

Peak Number 5 Benzene, 1-ethyl-2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.11	6.75 ug/L	730315	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	50
2		2,4-Nonadiyne	120	C9H12	063621-15-8	50
3		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	49
4		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	45
5		Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW012920\
Data File : VW014792.D
Acq On : 29 Jan 2020 13:13
Operator : SY/VA
Sample : L1271-07
Misc : 5.03G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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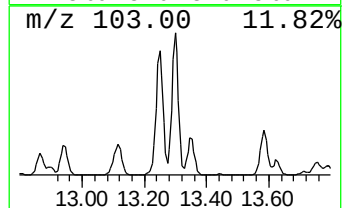
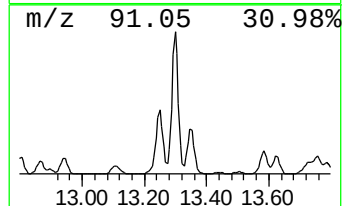
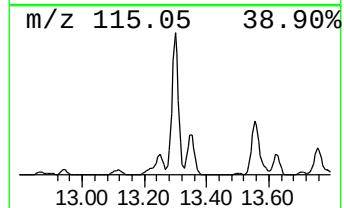
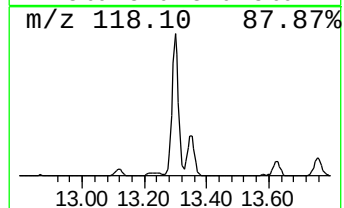
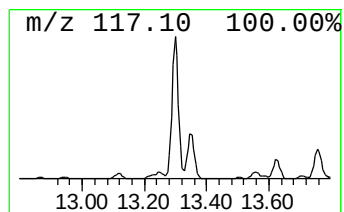
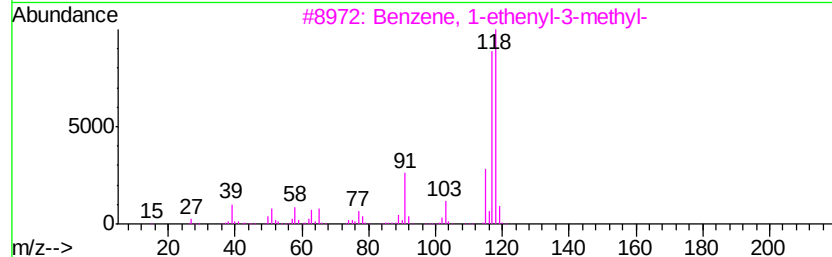
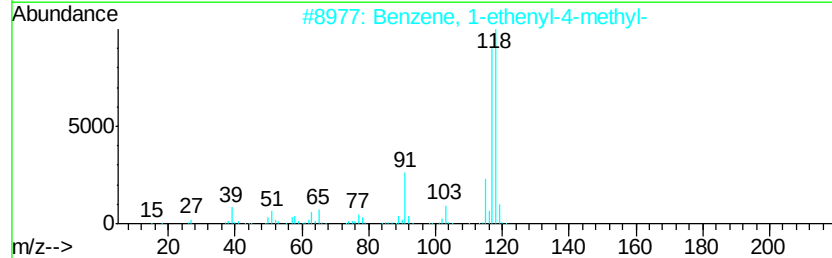
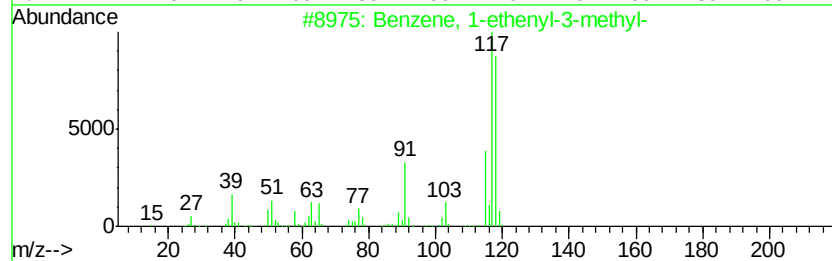
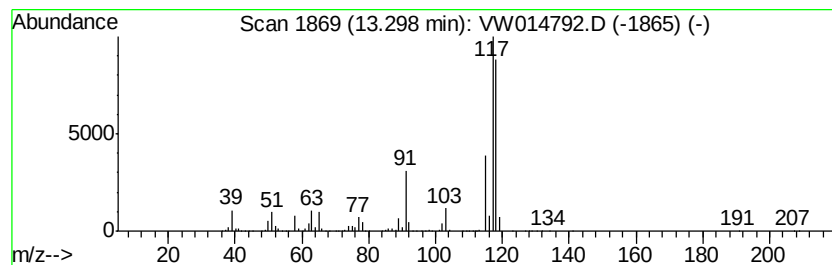
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Quant Title : VOC Analysis

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

Peak Number 7 Benzene, 1-ethenyl-3-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.30	49.00 ug/L	5303460	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	96
2		Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	95
3		Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	94
4		Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	94
5		Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW012920\
Data File : VW014792.D
Acq On : 29 Jan 2020 13:13
Operator : SY/VA
Sample : L1271-07
Misc : 5.03G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

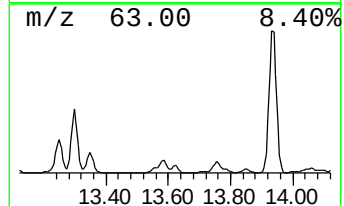
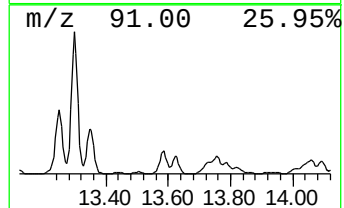
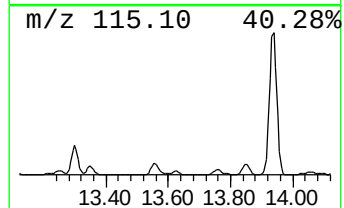
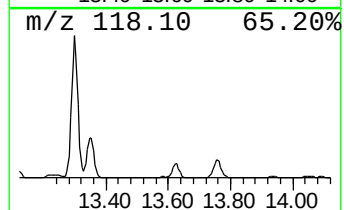
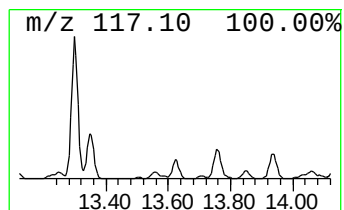
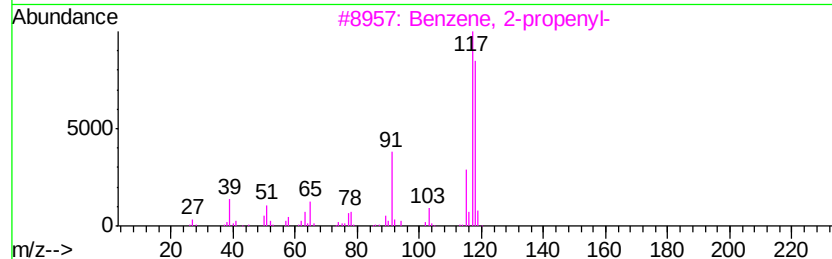
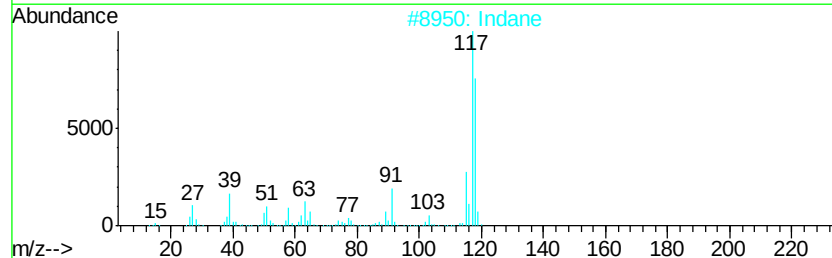
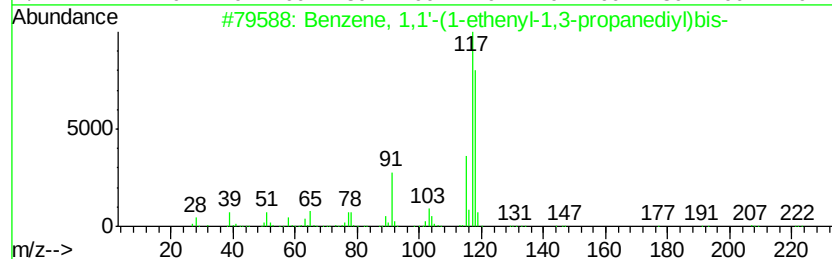
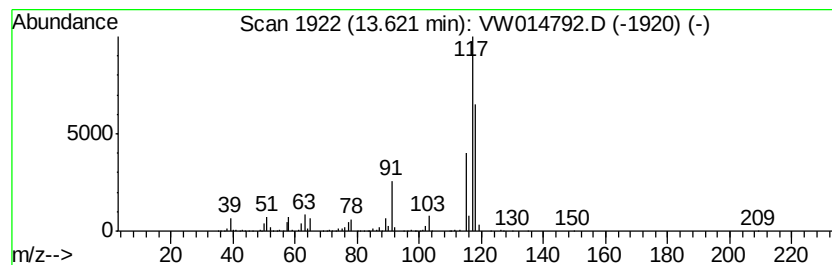
Instrument :
MSVOA_W
ClientSampled :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM012720S.M
Quant Title : VOC Analysis

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

Peak Number 9 Benzene, 1,1'-(1-ethenyl-1,... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.62	6.44 ug/L	697202	1,4-Dichlorobenzene-d4	13.55	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1'-(1-ethenyl-1,3-pro...	222	C17H18	061141-97-7	78
2	Indane	118	C9H10	000496-11-7	76
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	70
4	Benzene, 1-propenyl-	118	C9H10	000637-50-3	70
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	70



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW012920\
Data File : VW014792.D
Acq On : 29 Jan 2020 13:13
Operator : SY/VA
Sample : L1271-07
Misc : 5.03G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

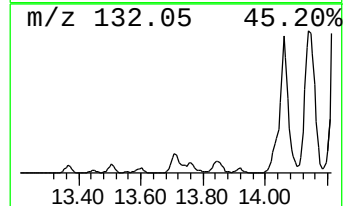
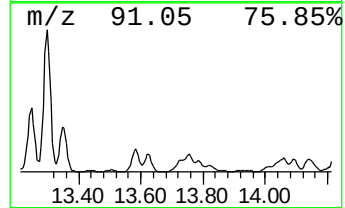
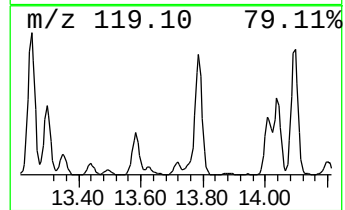
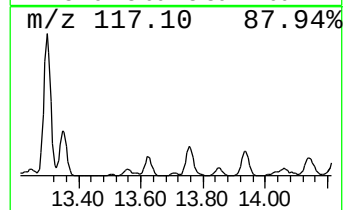
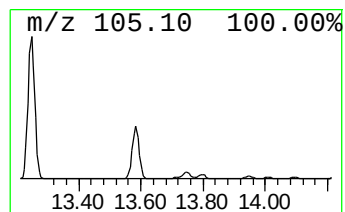
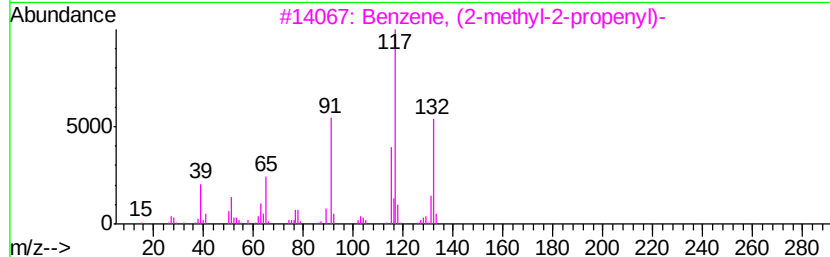
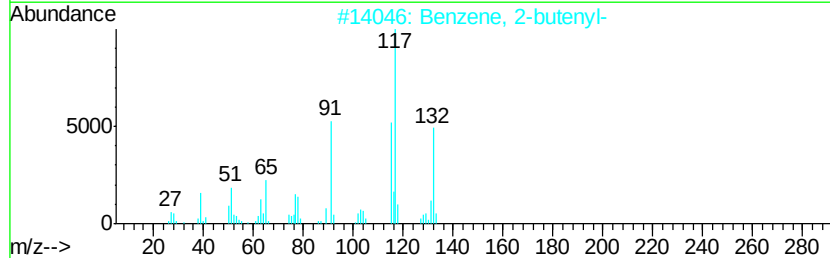
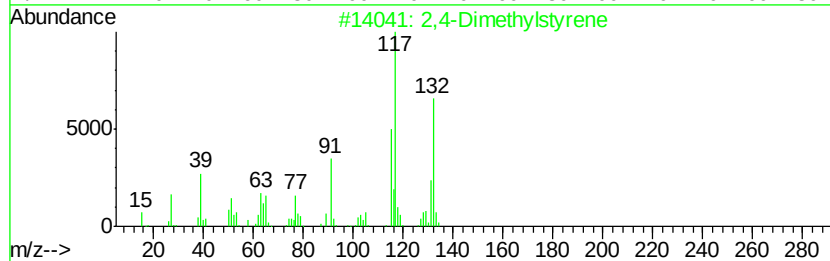
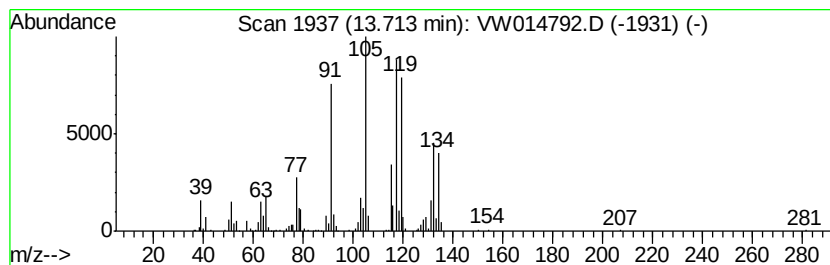
Instrument :
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ClientSampleId :
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Quant Title : VOC Analysis

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

Peak Number 10 2,4-Dimethylstyrene Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.71	2.17 ug/L	234634	1,4-Dichlorobenzene-d4	13.55
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2,4-Dimethylstyrene	132 C10H12	002234-20-0	89
2	Benzene, 2-butenyl-	132 C10H12	001560-06-1	87
3	Benzene, (2-methyl-2-propenyl)-	132 C10H12	003290-53-7	86
4	Benzene, 1,4-diethyl-	134 C10H14	000105-05-5	86
5	Ethanone, 1-(2-methylphenyl)-	134 C9H10O	000577-16-2	70



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW012920\
Data File : VW014792.D
Acq On : 29 Jan 2020 13:13
Operator : SY/VA
Sample : L1271-07
Misc : 5.03G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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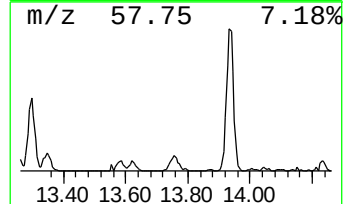
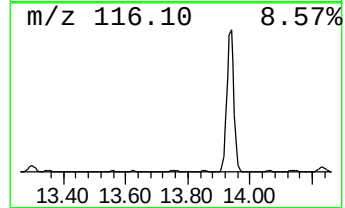
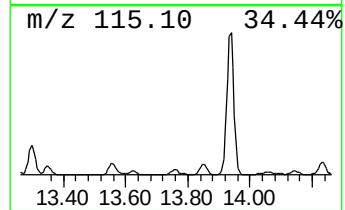
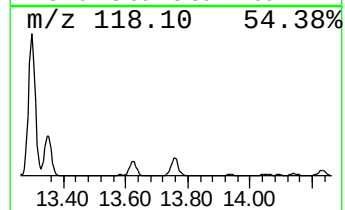
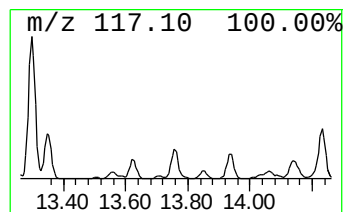
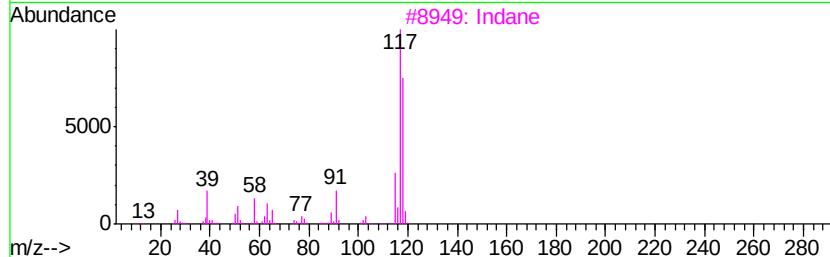
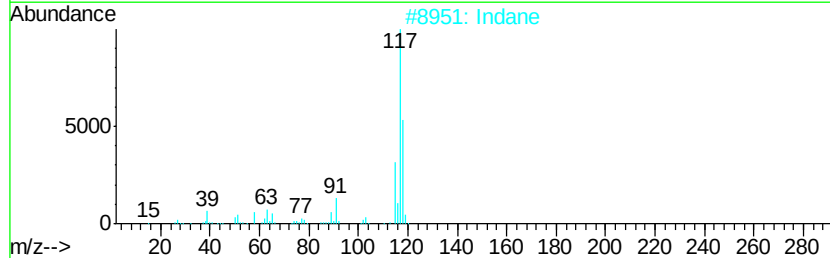
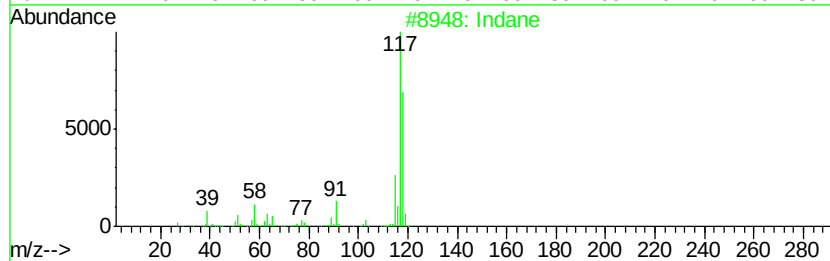
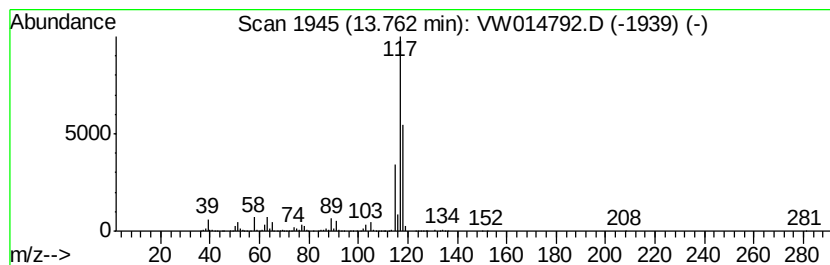
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Quant Title : VOC Analysis

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

Peak Number 11 Indane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	8.85 ug/L	958318	1,4-Dichlorobenzene-d4	13.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane			118	C9H10	000496-11-7	81
2	Indane			118	C9H10	000496-11-7	76
3	Indane			118	C9H10	000496-11-7	76
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-		...	118	C9H10	1000191-13-7	64
5	Benzene, cyclopropyl-			118	C9H10	000873-49-4	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW012920\
Data File : VW014792.D
Acq On : 29 Jan 2020 13:13
Operator : SY/VA
Sample : L1271-07
Misc : 5.03G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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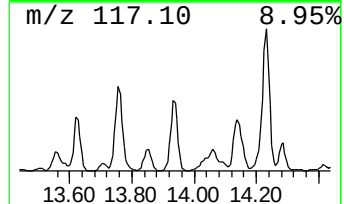
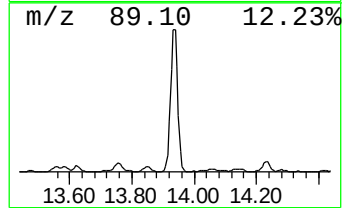
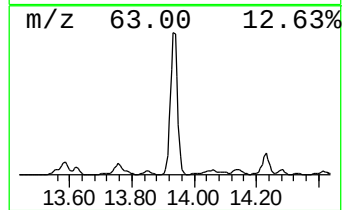
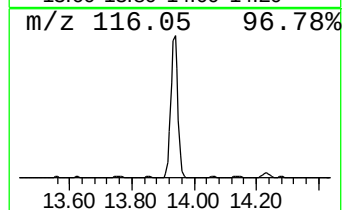
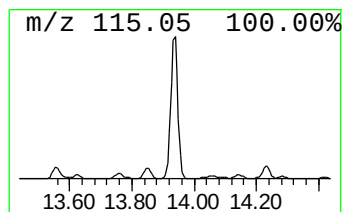
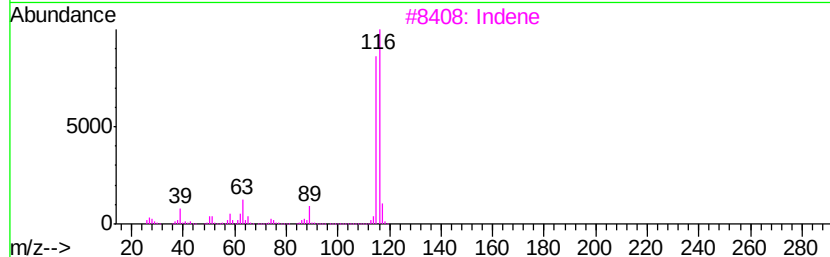
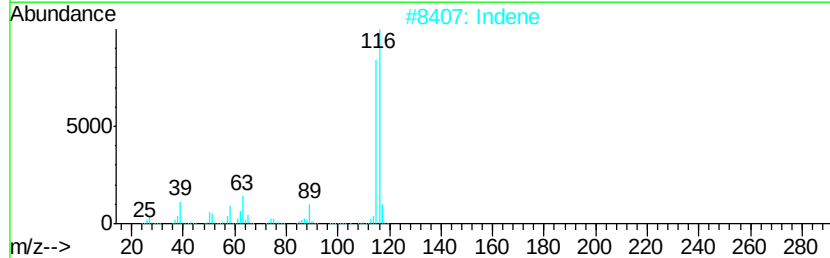
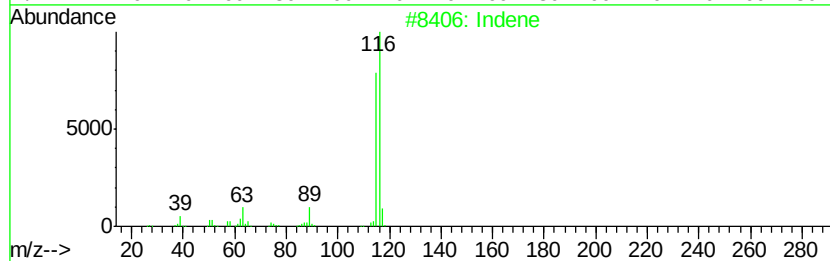
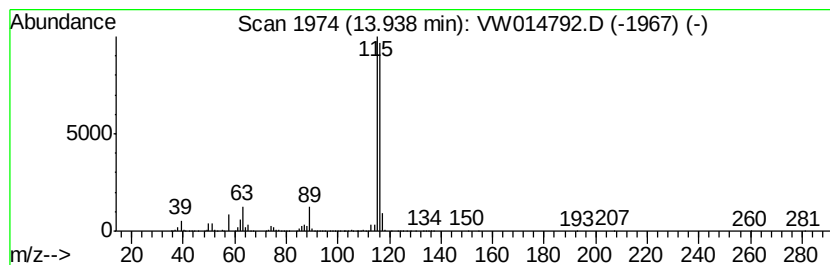
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Quant Title : VOC Analysis

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

Peak Number 12 Indene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	82.49 ug/L	8929250	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indene	116	C9H8	000095-13-6	97
2		Indene	116	C9H8	000095-13-6	96
3		Indene	116	C9H8	000095-13-6	95
4		Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
5		3-Methylphenylacetylene	116	C9H8	000766-82-5	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW012920\
Data File : VW014792.D
Acq On : 29 Jan 2020 13:13
Operator : SY/VA
Sample : L1271-07
Misc : 5.03G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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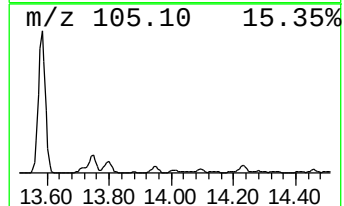
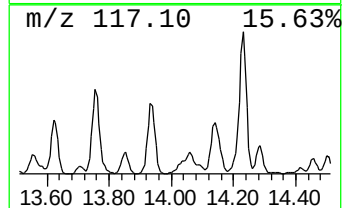
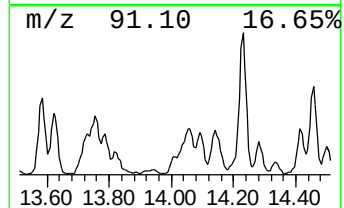
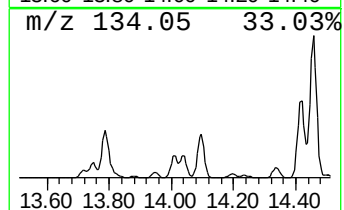
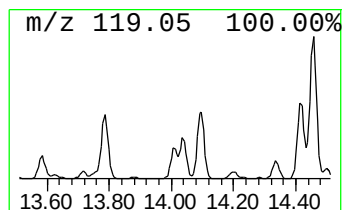
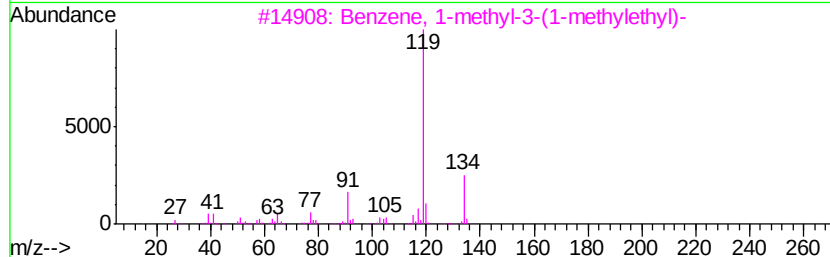
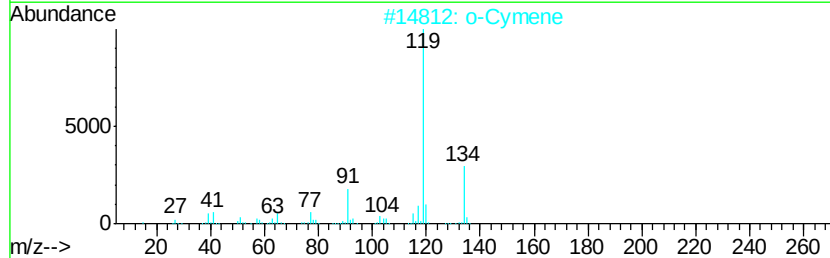
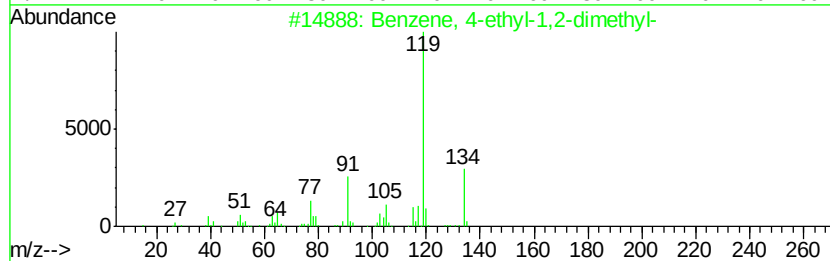
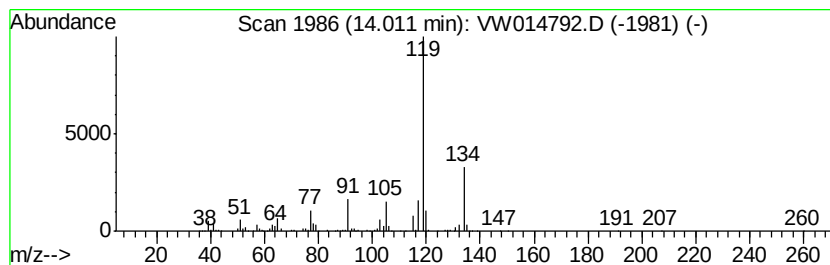
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Quant Title : VOC Analysis

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

Peak Number 13 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.01	2.39 ug/L	258631	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	90
2		o-Cymene	134	C10H14	000527-84-4	90
3		Benzene, 1-methyl-3-(1-methylethyl-)	134	C10H14	000535-77-3	90
4		p-Cymene	134	C10H14	000099-87-6	90
5		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW012920\
Data File : VW014792.D
Acq On : 29 Jan 2020 13:13
Operator : SY/VA
Sample : L1271-07
Misc : 5.03G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GASZ8

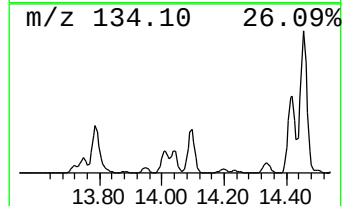
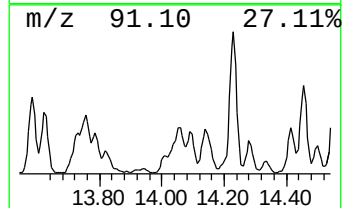
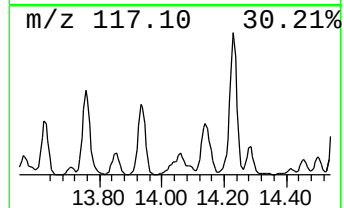
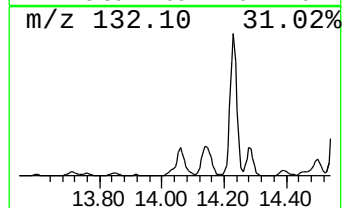
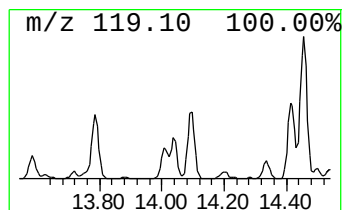
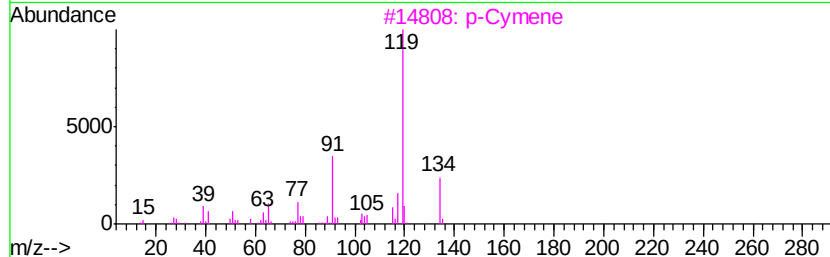
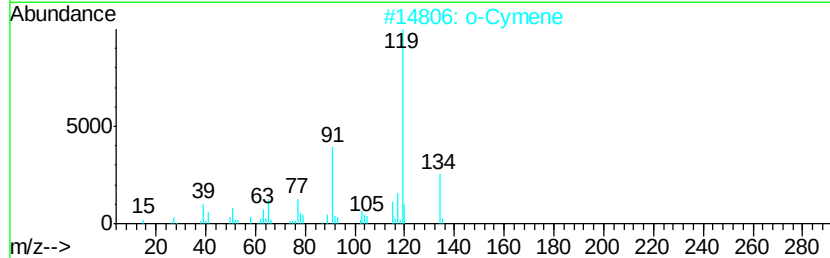
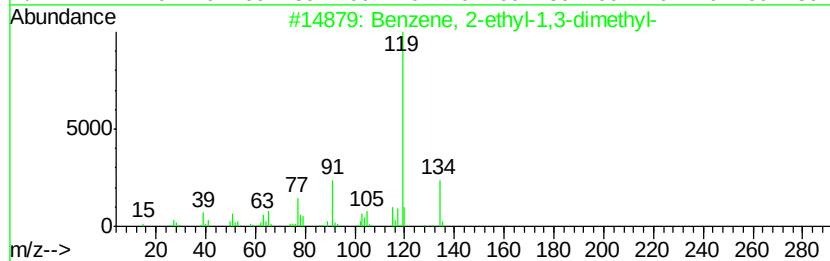
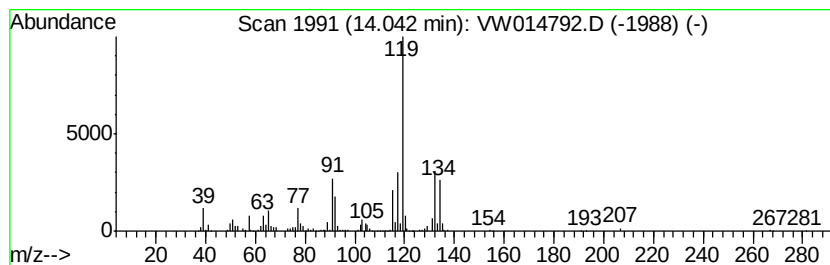
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Quant Title : VOC Analysis

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

Peak Number 14 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.04	2.87 ug/L	310443	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	64
2		o-Cymene	134	C10H14	000527-84-4	64
3		p-Cymene	134	C10H14	000099-87-6	64
4		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	58
5		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	58



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW012920\
Data File : VW014792.D
Acq On : 29 Jan 2020 13:13
Operator : SY/VA
Sample : L1271-07
Misc : 5.03G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GASZ8

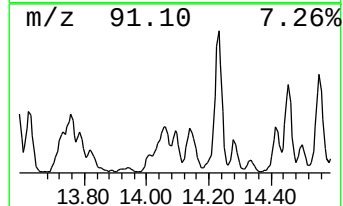
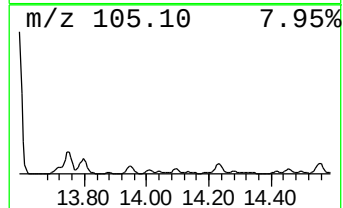
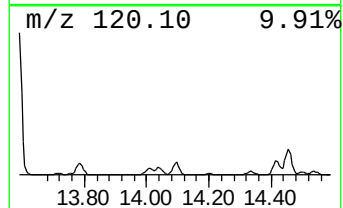
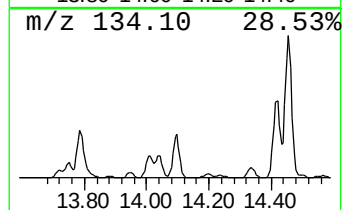
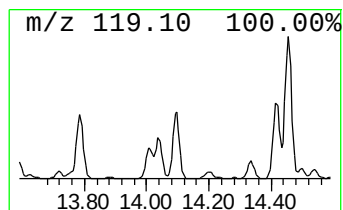
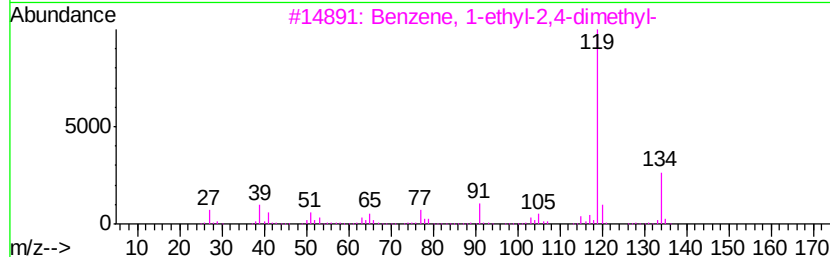
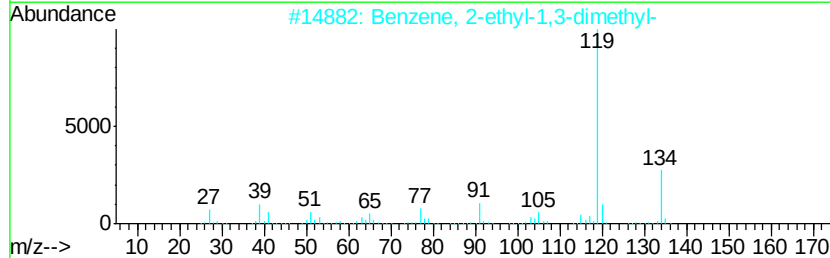
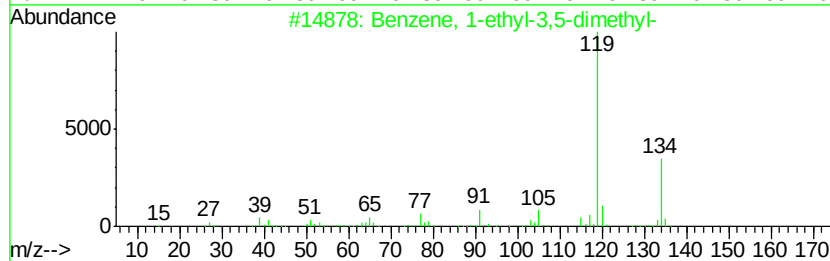
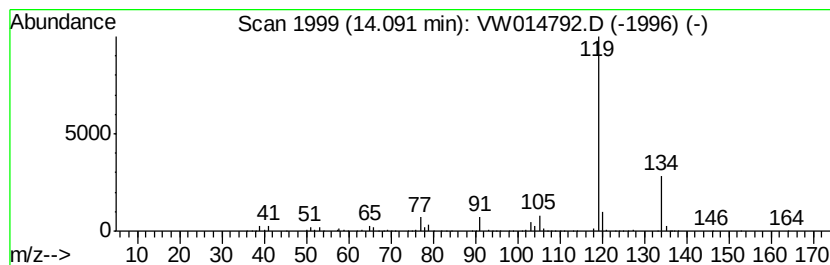
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Quant Title : VOC Analysis

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

Peak Number 15 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.09	3.98 ug/L	430361	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
2		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	90
3		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	90
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90
5		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW012920\
Data File : VW014792.D
Acq On : 29 Jan 2020 13:13
Operator : SY/VA
Sample : L1271-07
Misc : 5.03G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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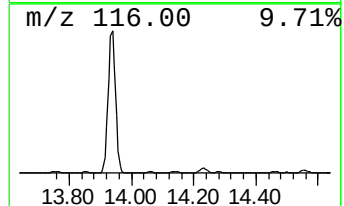
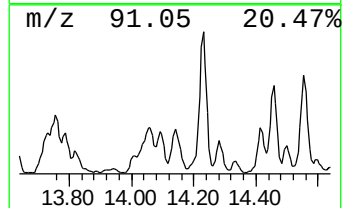
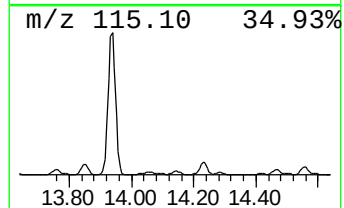
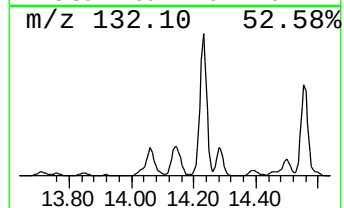
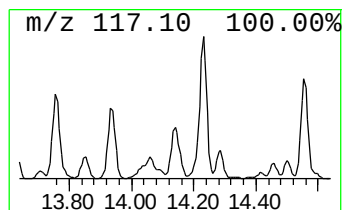
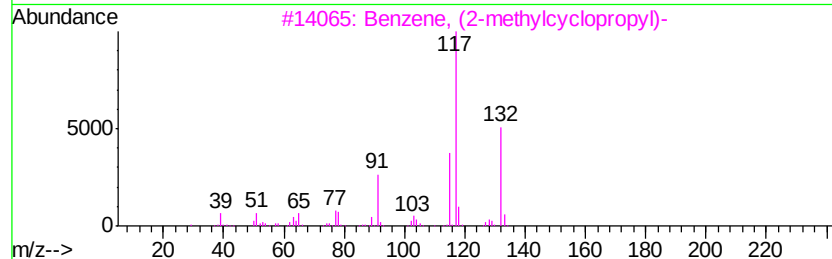
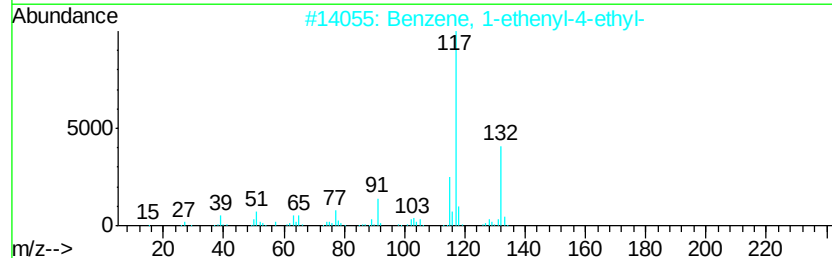
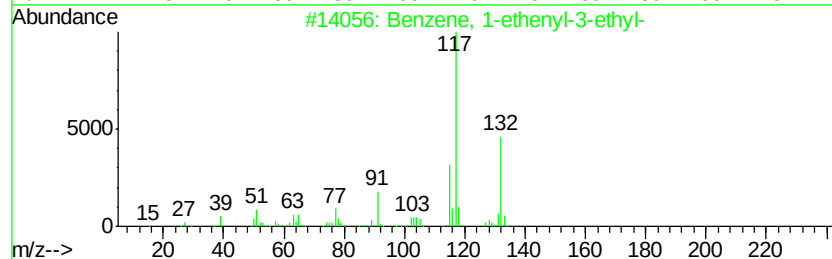
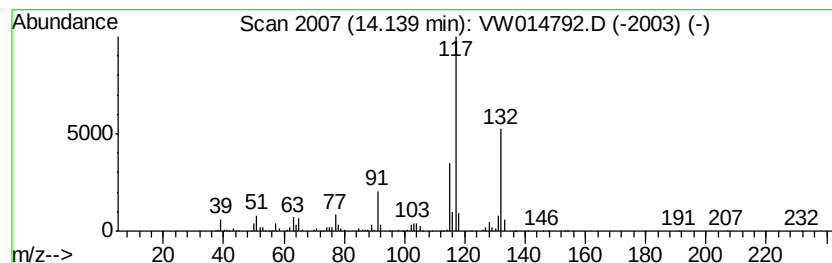
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Quant Title : VOC Analysis

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

Peak Number 16 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.14	7.18 ug/L	776735	1,4-Dichlorobenzene-d4	13.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	96
2			Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
3			Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	93
4			Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	91
5			(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW012920\
Data File : VW014792.D
Acq On : 29 Jan 2020 13:13
Operator : SY/VA
Sample : L1271-07
Misc : 5.03G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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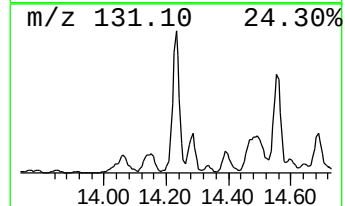
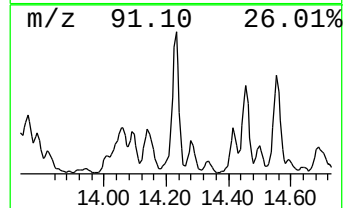
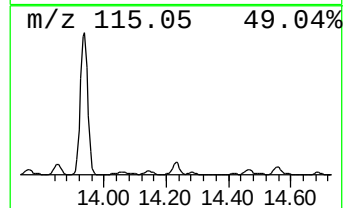
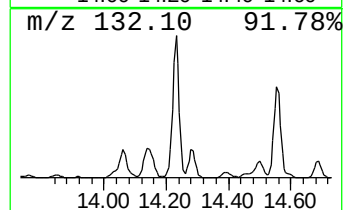
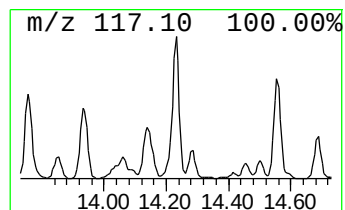
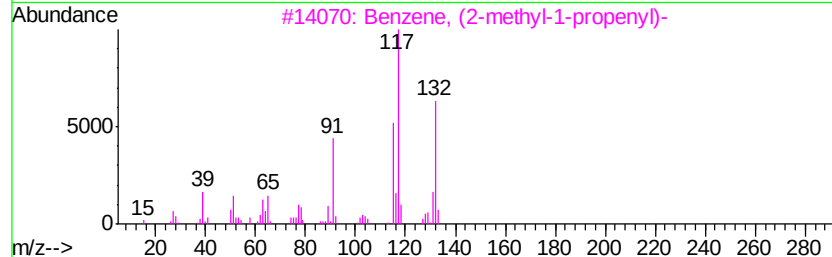
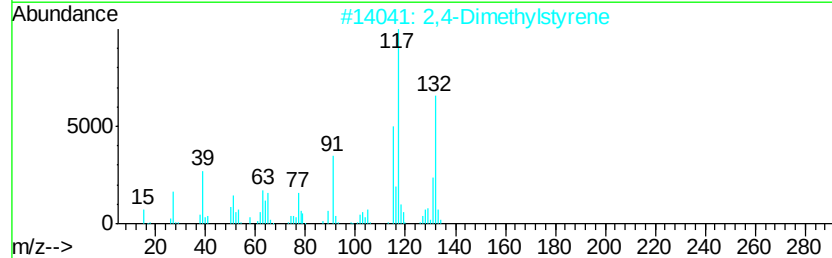
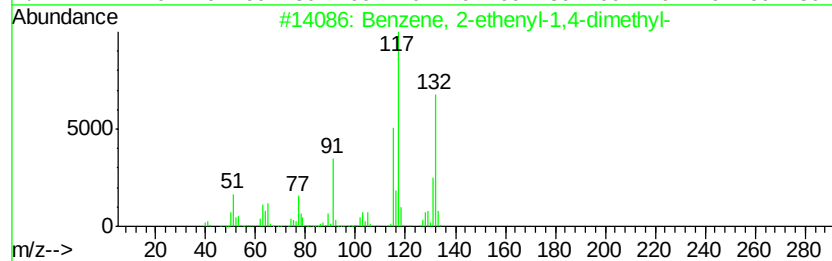
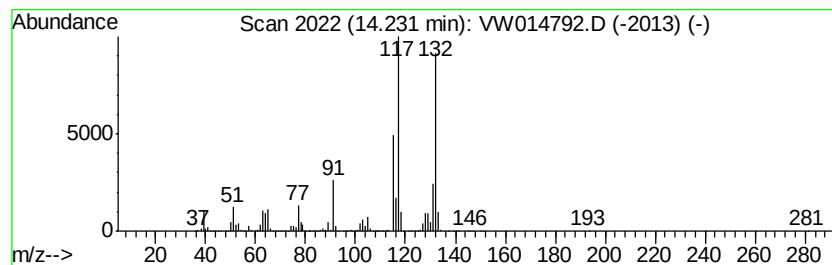
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Quant Title : VOC Analysis

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

Peak Number 17 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.23	24.38 ug/L	2639240	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	97
2		2,4-Dimethylstyrene	132	C10H12	002234-20-0	97
3		Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	95
4		Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	95
5		Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW012920\
Data File : VW014792.D
Acq On : 29 Jan 2020 13:13
Operator : SY/VA
Sample : L1271-07
Misc : 5.03G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

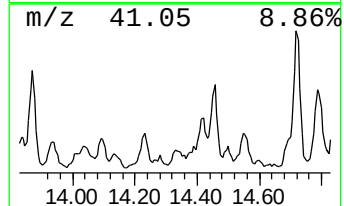
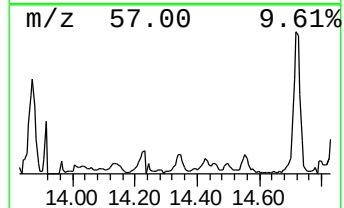
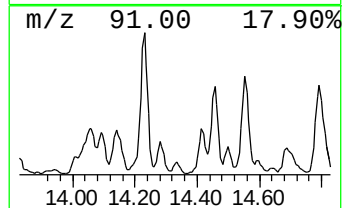
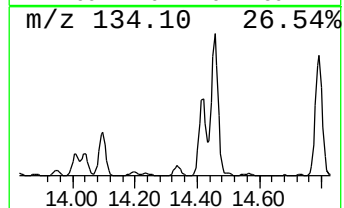
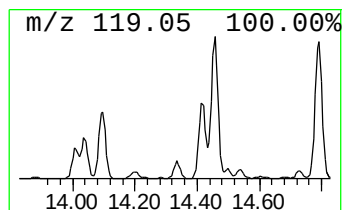
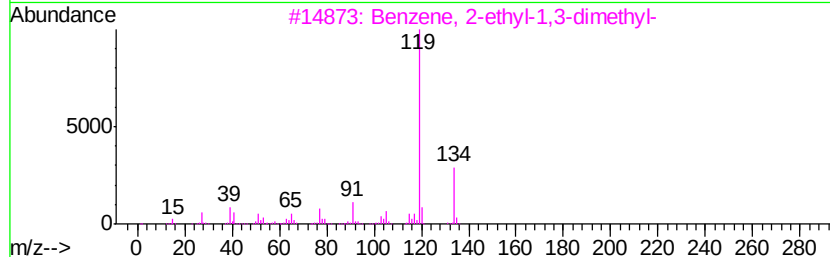
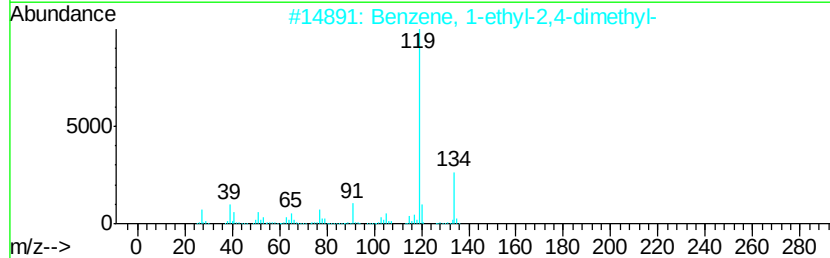
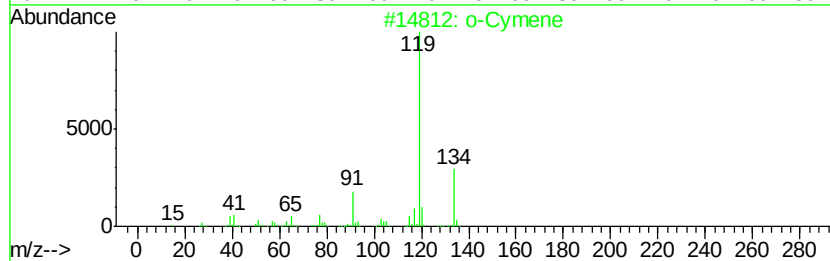
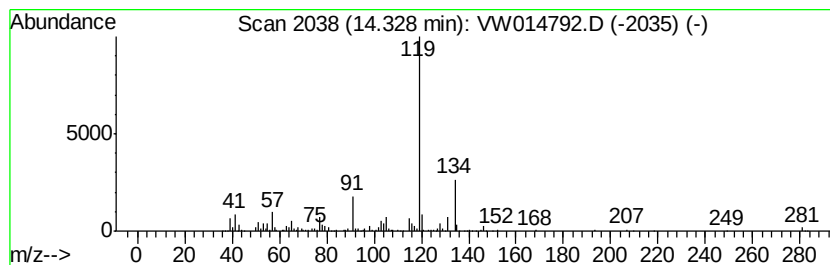
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ClientSampleId :
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Quant Title : VOC Analysis

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

Peak Number 19 o-Cymene Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.33	1.41 ug/L	153135	1,4-Dichlorobenzene-d4	13.55
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		o-Cymene	134 C10H14	000527-84-4 91
2		Benzene, 1-ethyl-2,4-dimethyl-	134 C10H14	000874-41-9 90
3		Benzene, 2-ethyl-1,3-dimethyl-	134 C10H14	002870-04-4 90
4		Benzene, 2-ethyl-1,3-dimethyl-	134 C10H14	002870-04-4 90
5		Benzene, 1-ethyl-3,5-dimethyl-	134 C10H14	000934-74-7 90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW012920\
Data File : VW014792.D
Acq On : 29 Jan 2020 13:13
Operator : SY/VA
Sample : L1271-07
Misc : 5.03G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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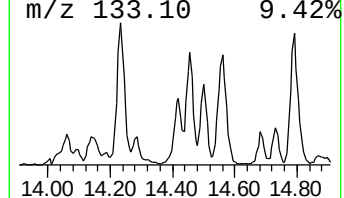
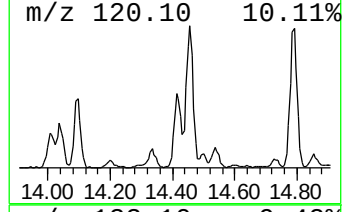
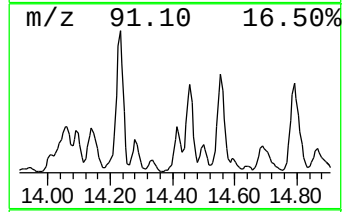
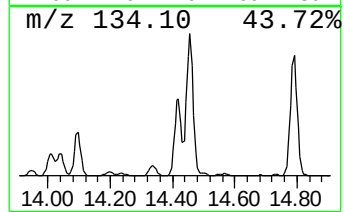
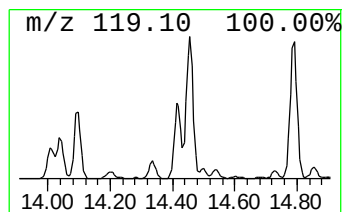
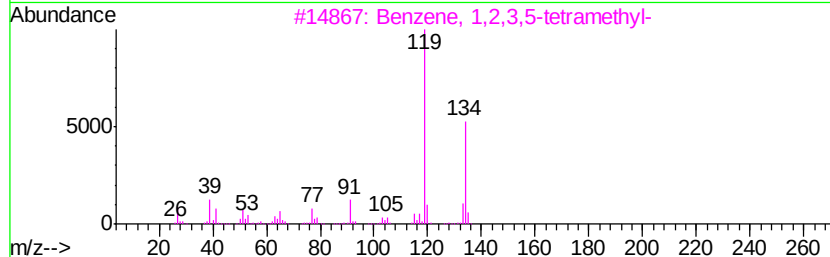
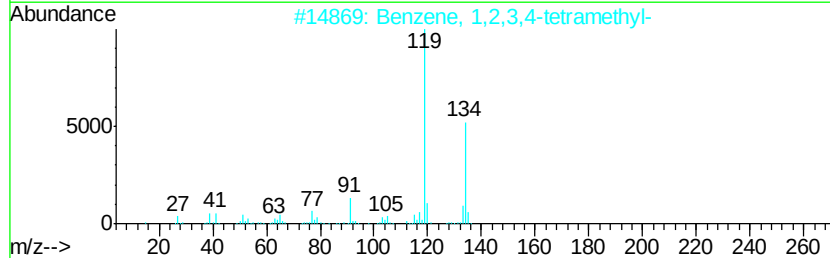
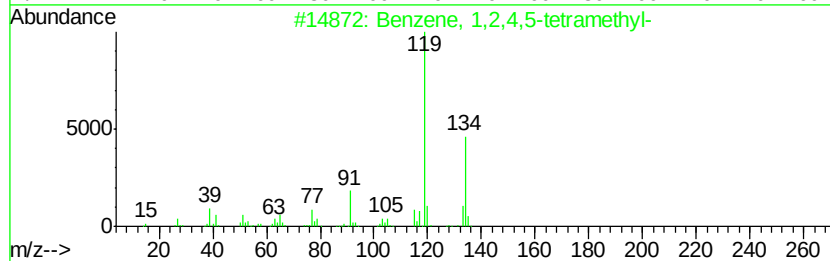
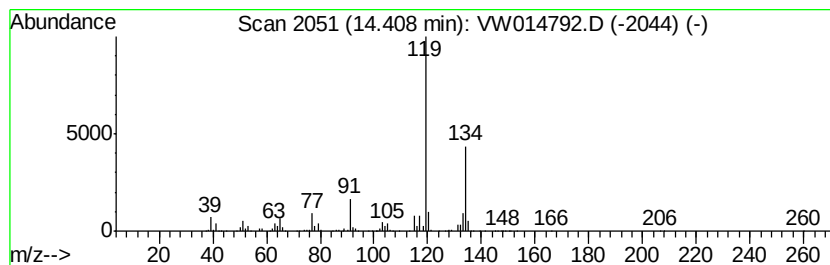
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Quant Title : VOC Analysis

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

Peak Number 20 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.41	7.71 ug/L	834525	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
3		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	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	95



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW012920\
Data File : VW014792.D
Acq On : 29 Jan 2020 13:13
Operator : SY/VA
Sample : L1271-07
Misc : 5.03G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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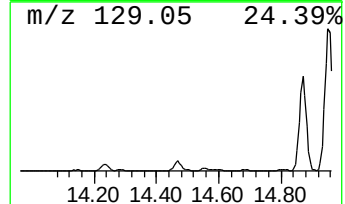
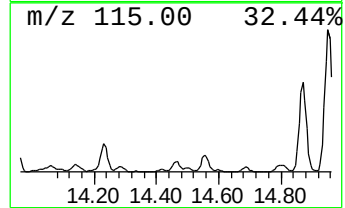
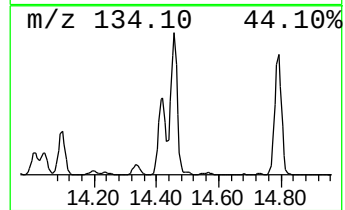
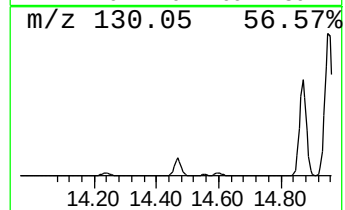
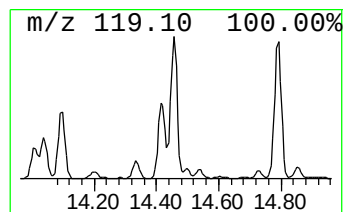
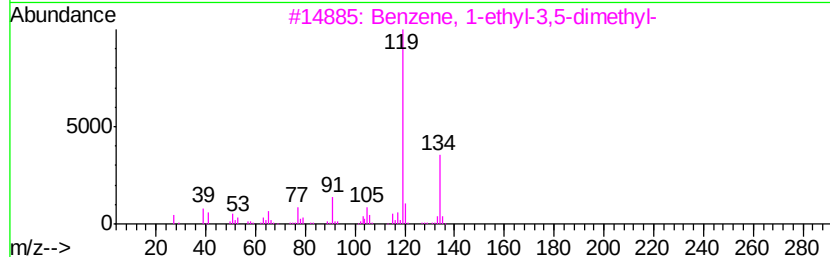
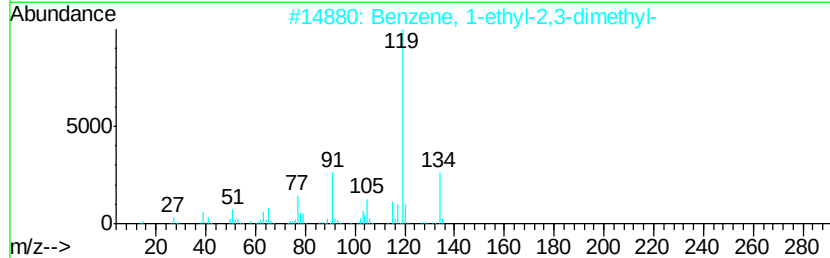
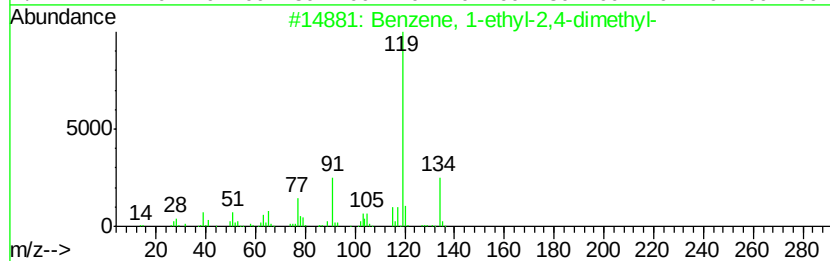
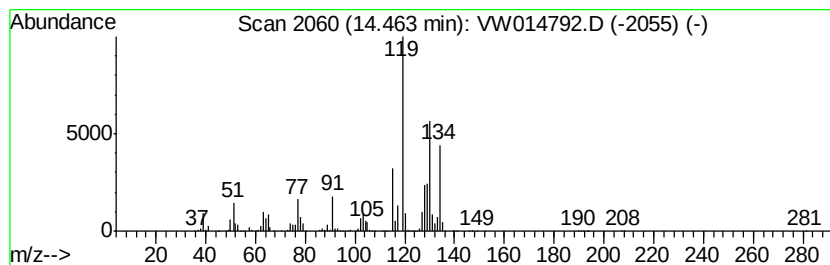
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Quant Title : VOC Analysis

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

Peak Number 21 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.46	13.36 ug/L	1445630	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93
2		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	76
3		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	76
4		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	76
5		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	76



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW012920\
Data File : VW014792.D
Acq On : 29 Jan 2020 13:13
Operator : SY/VA
Sample : L1271-07
Misc : 5.03G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GASZ8

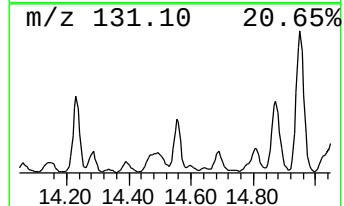
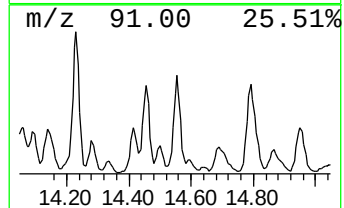
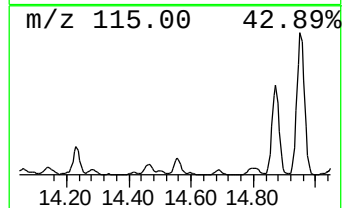
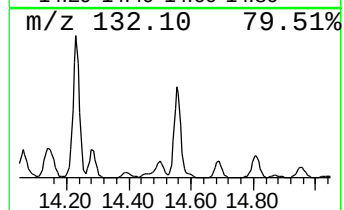
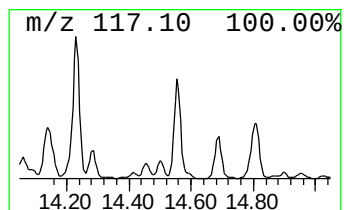
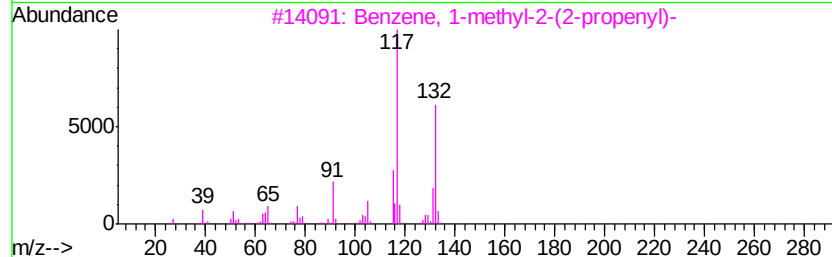
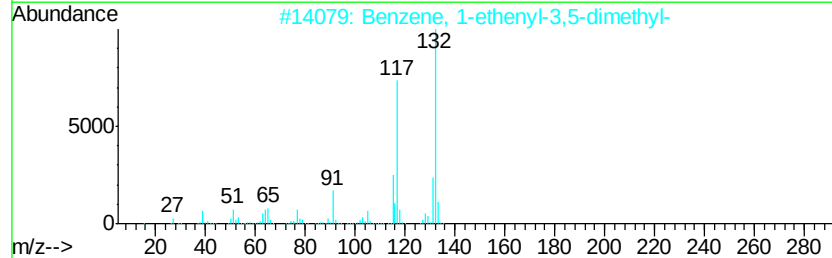
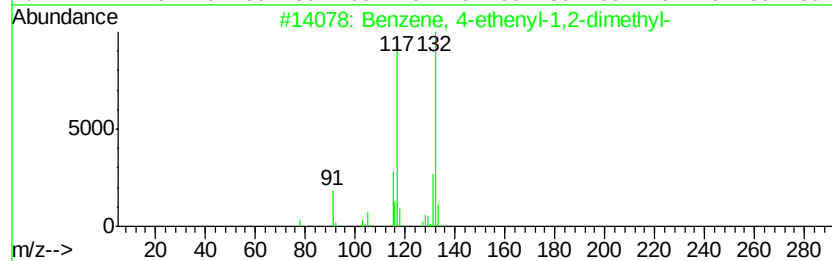
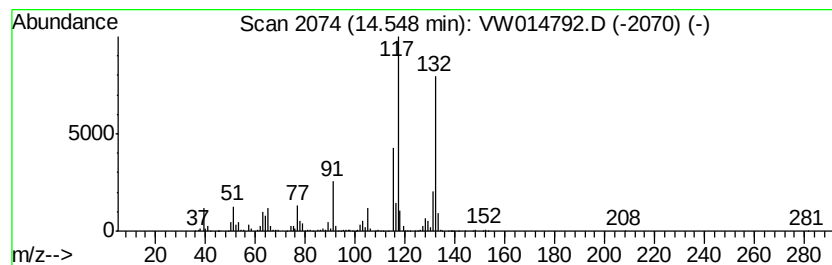
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Quant Title : VOC Analysis

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

Peak Number 22 Benzene, 4-ethenyl-1,2-dime... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.55	15.08 ug/L	1632610	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 4-ethenyl-1,2-dimethyl-	132	C10H12	027831-13-6	97
2		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	96
3		Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	94
4		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	94
5		Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW012920\
Data File : VW014792.D
Acq On : 29 Jan 2020 13:13
Operator : SY/VA
Sample : L1271-07
Misc : 5.03G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GASZ8

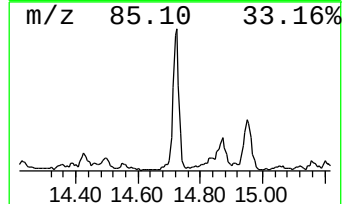
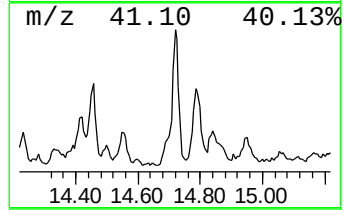
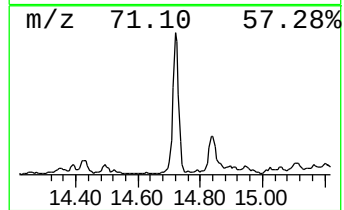
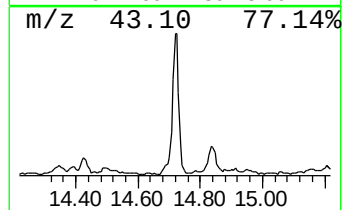
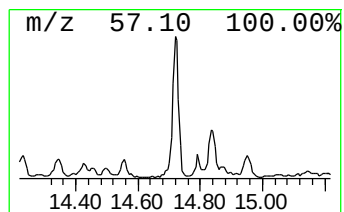
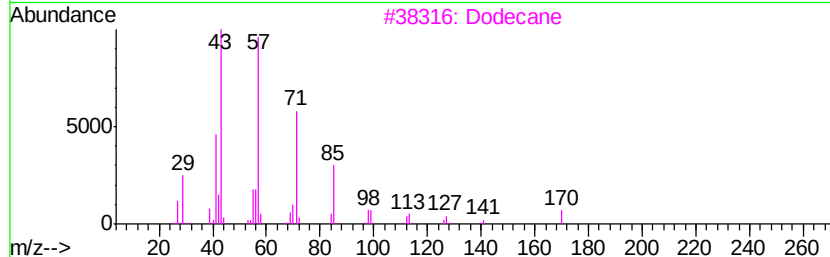
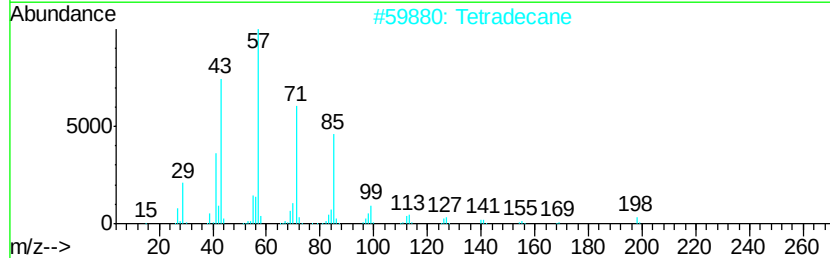
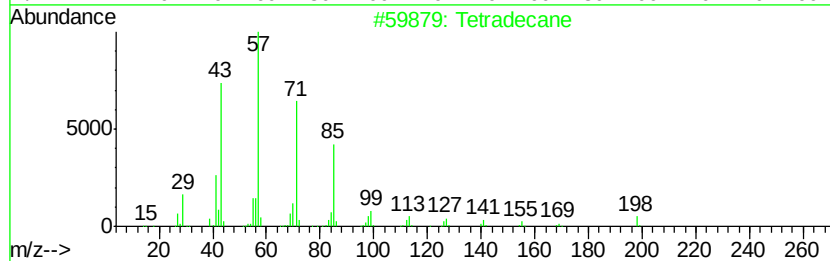
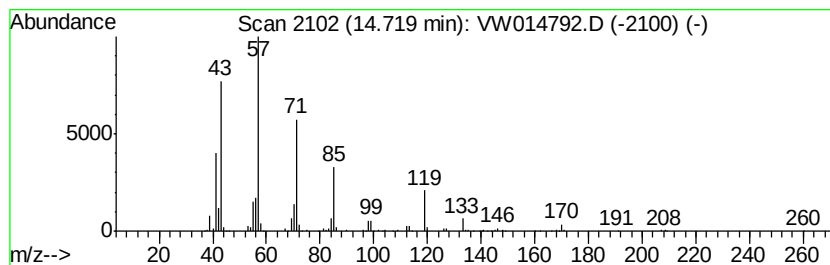
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Quant Title : VOC Analysis

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

Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.72	3.84 ug/L	415728	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	52
2		Tetradecane	198	C14H30	000629-59-4	52
3		Dodecane	170	C12H26	000112-40-3	52
4		Dodecane	170	C12H26	000112-40-3	52
5		Tridecane	184	C13H28	000629-50-5	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW012920\
Data File : VW014792.D
Acq On : 29 Jan 2020 13:13
Operator : SY/VA
Sample : L1271-07
Misc : 5.03G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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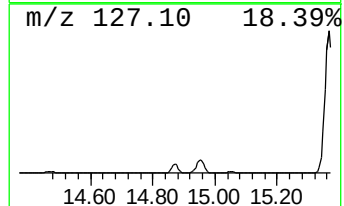
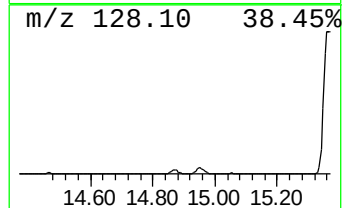
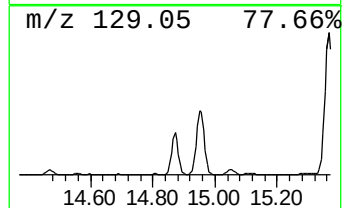
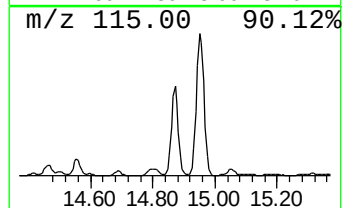
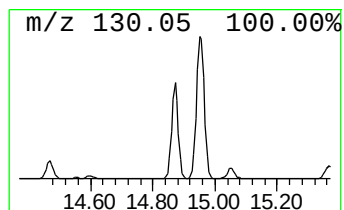
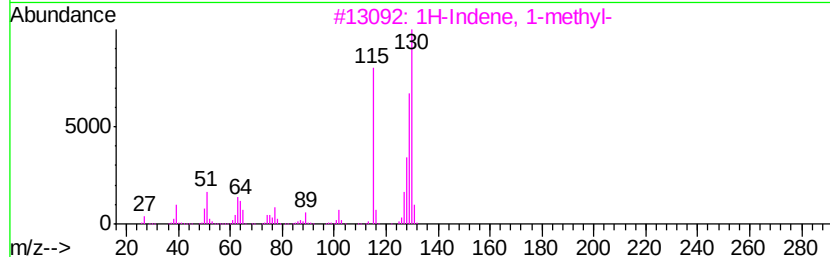
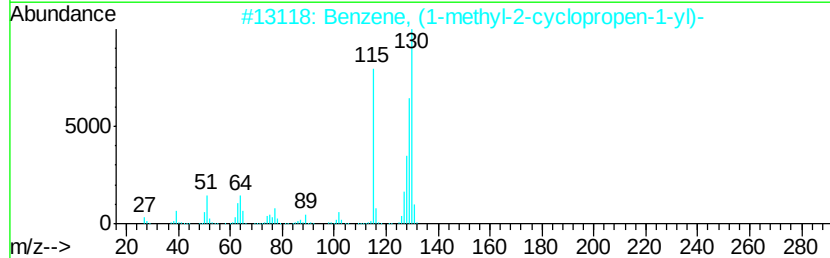
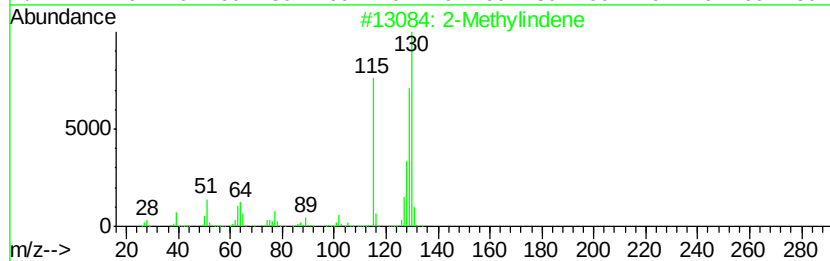
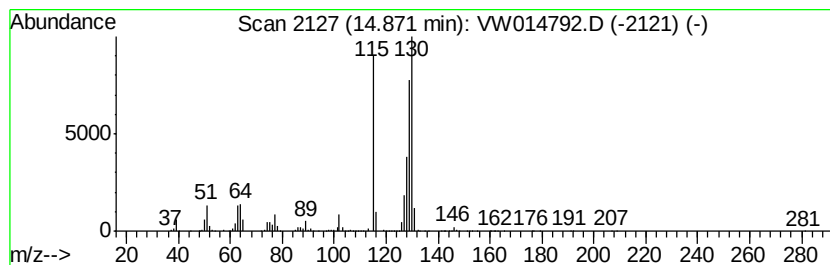
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Quant Title : VOC Analysis

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

Peak Number 26 2-Methylindene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	42.53 ug/L	4603810	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Methylindene	130	C10H10	002177-47-1	97
2		Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	96
3		1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
4		Benzene, 1-butynyl-	130	C10H10	000622-76-4	95
5		1,4-Dihydronaphthalene	130	C10H10	000612-17-9	95



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW012920\
Data File : VW014792.D
Acq On : 29 Jan 2020 13:13
Operator : SY/VA
Sample : L1271-07
Misc : 5.03G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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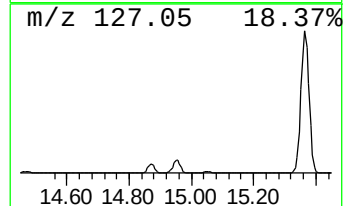
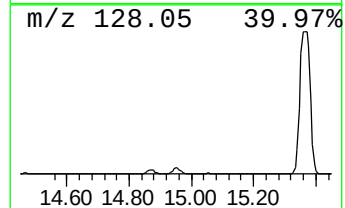
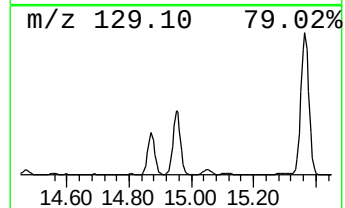
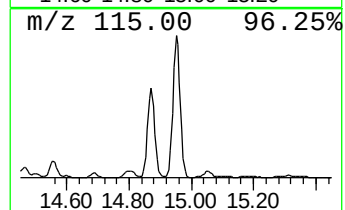
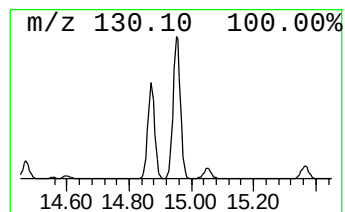
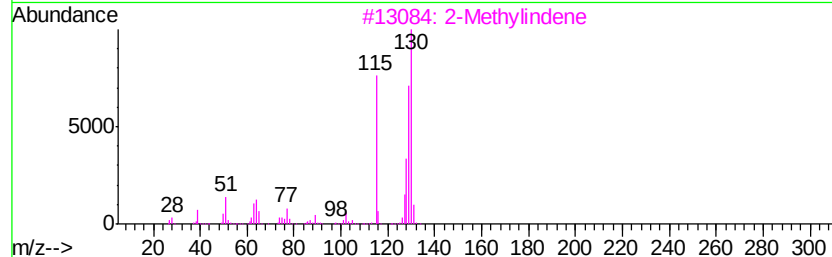
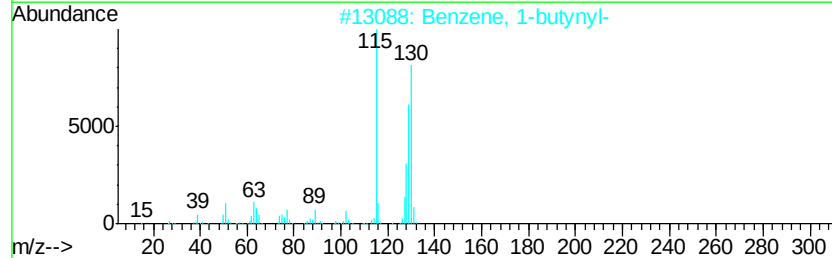
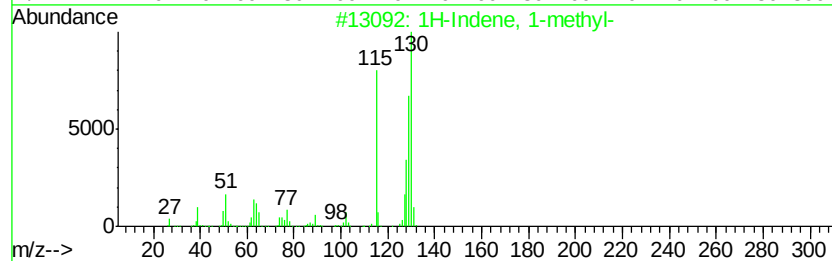
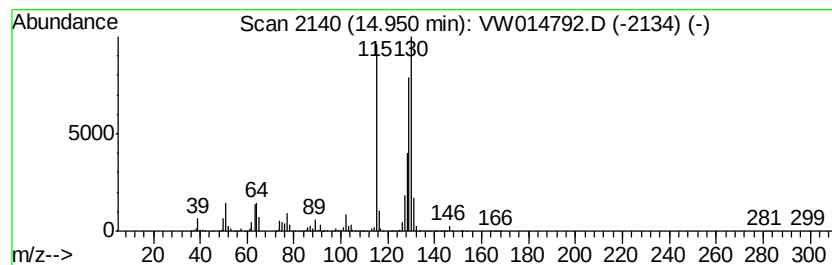
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Quant Title : VOC Analysis

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

Peak Number 27 1H-Indene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.95	71.95 ug/L	7788330	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
2		Benzene, 1-butynyl-	130	C10H10	000622-76-4	96
3		2-Methylindene	130	C10H10	002177-47-1	96
4		Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	95
5		Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	95



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW012920\
Data File : VW014792.D
Acq On : 29 Jan 2020 13:13
Operator : SY/VA
Sample : L1271-07
Misc : 5.03G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GASZ8

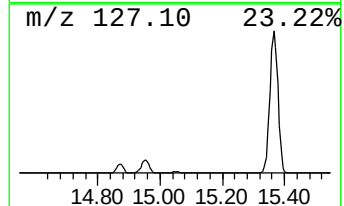
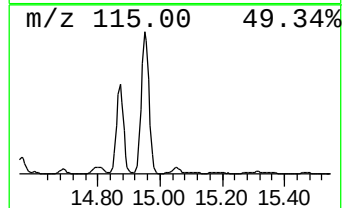
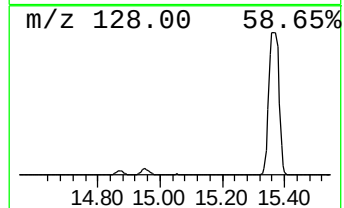
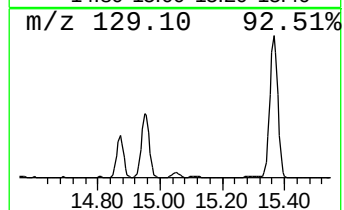
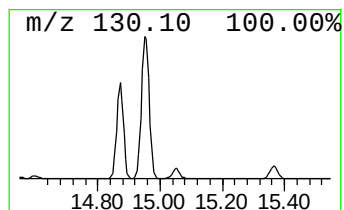
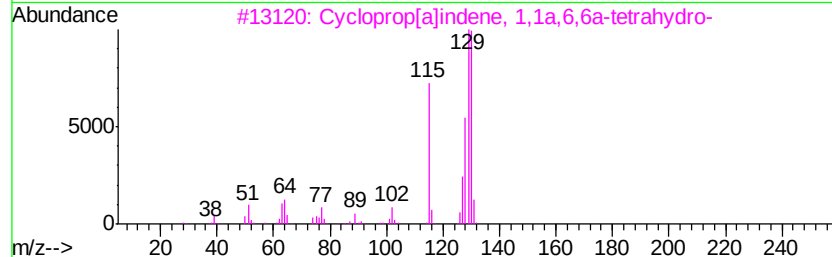
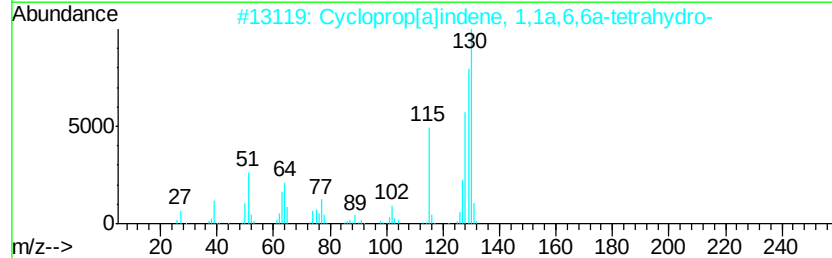
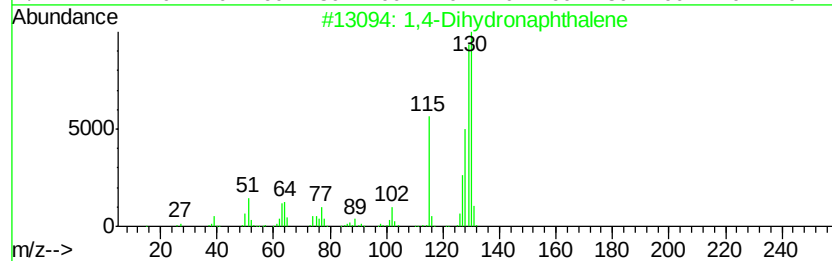
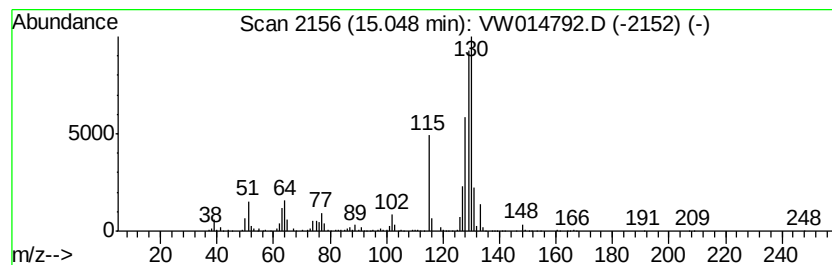
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Quant Title : VOC Analysis

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

Peak Number 28 1,4-Dihydronaphthalene Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.05	5.43 ug/L	588047	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	96
2		Cycloprop[alindene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	91
3		Cycloprop[alindene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	91
4		Tetracyclo[5.3.0.0<2,6>.0<3,10>]...	130	C10H10	034324-40-8	91
5		1,4-Dihydronaphthalene	130	C10H10	000612-17-9	70



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW012920\
Data File : VW014792.D
Acq On : 29 Jan 2020 13:13
Operator : SY/VA
Sample : L1271-07
Misc : 5.03G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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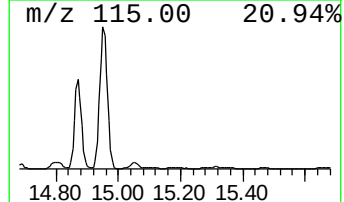
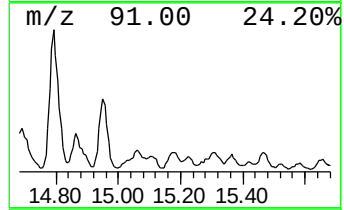
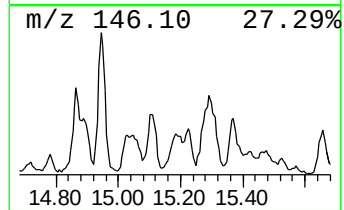
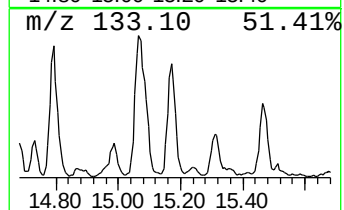
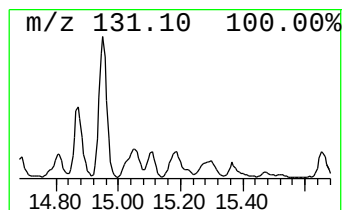
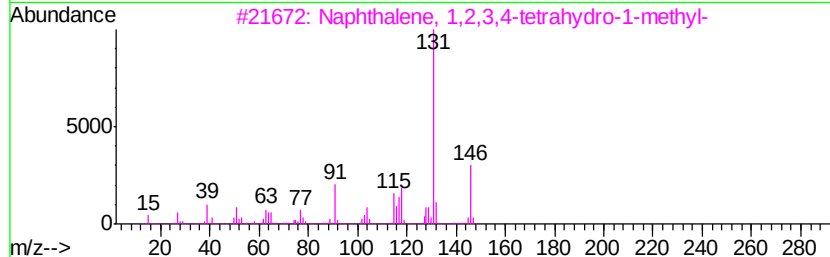
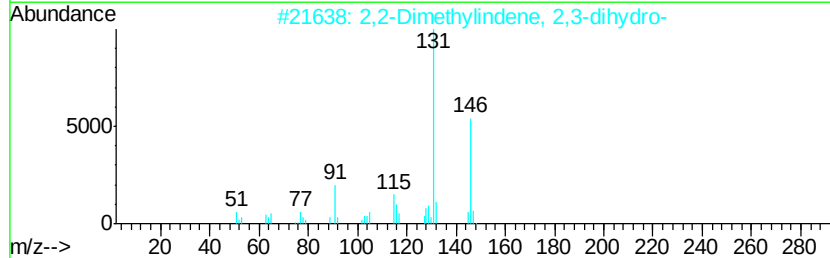
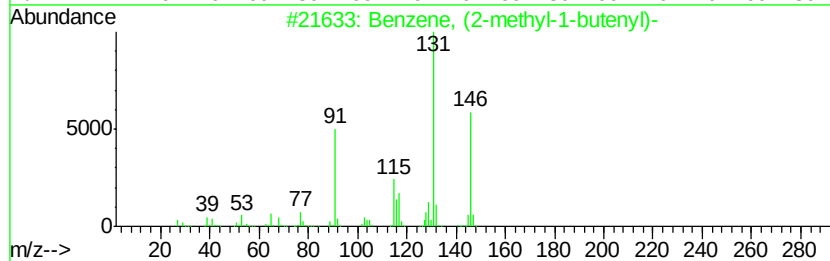
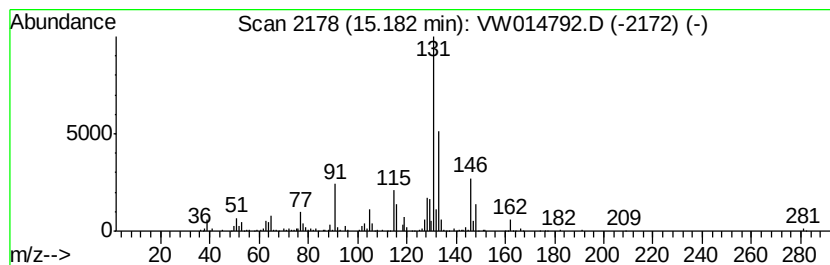
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Quant Title : VOC Analysis

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

Peak Number 29 Benzene, (2-methyl-1-butenyl)- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.18	2.94 ug/L	318717	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	89
2		2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	50
3		Naphthalene, 1,2,3,4-tetrahydro-	146	C11H14	001559-81-5	50
4		1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	50
5		1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW012920\
Data File : VW014792.D
Acq On : 29 Jan 2020 13:13
Operator : SY/VA
Sample : L1271-07
Misc : 5.03G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GASZ8

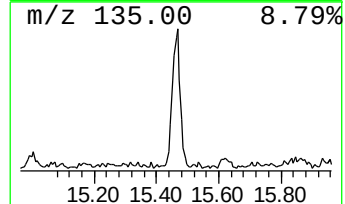
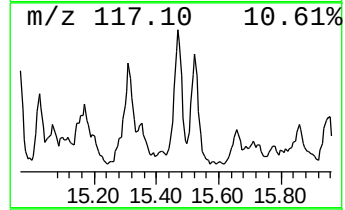
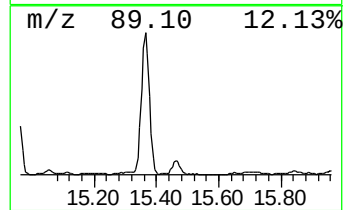
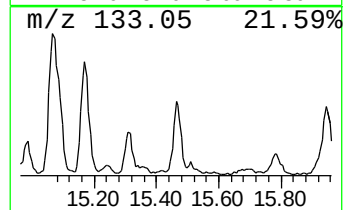
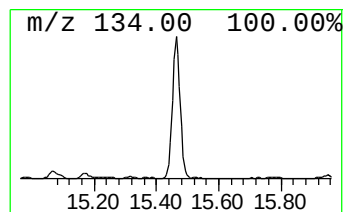
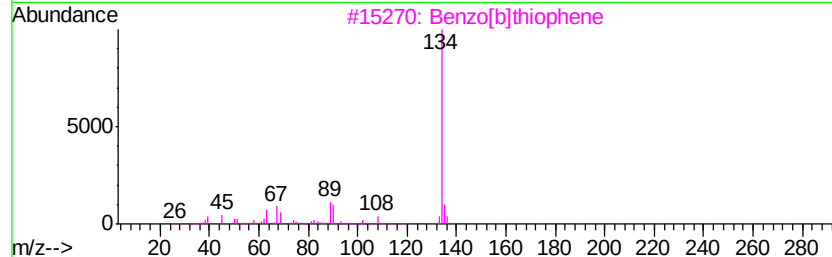
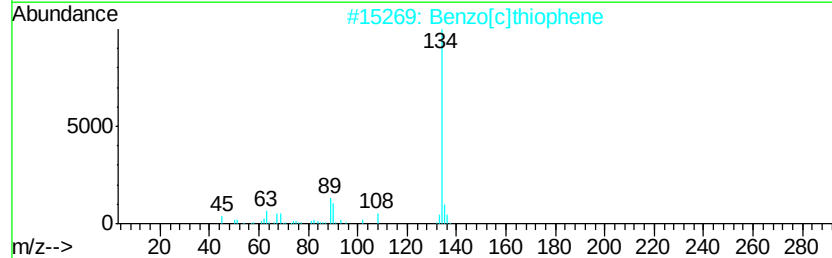
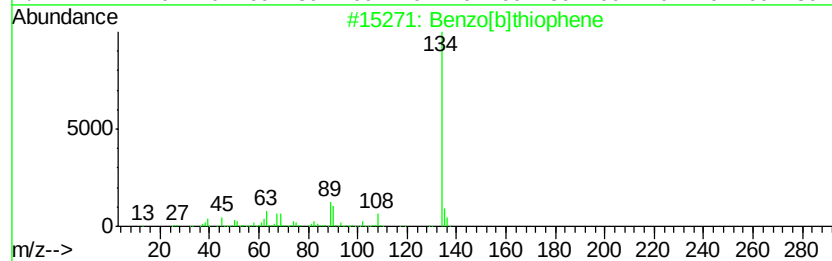
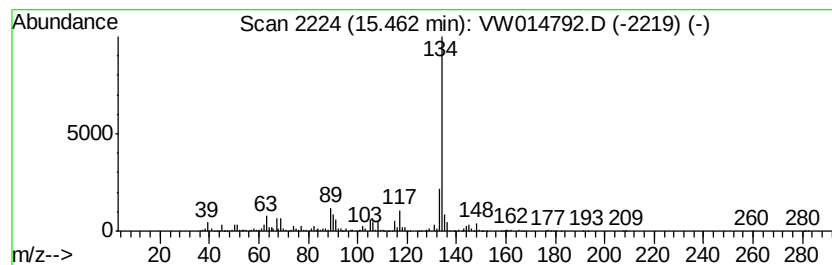
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Quant Title : VOC Analysis

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

Peak Number 31 Benzo[b]thiophene Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.46	4.11 ug/L	444709	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]thiophene	134	C8H6S	000095-15-8	95
2		Benzo[c]thiophene	134	C8H6S	000270-82-6	93
3		Benzo[b]thiophene	134	C8H6S	000095-15-8	93
4		Benzo[b]thiophene	134	C8H6S	000095-15-8	76
5		Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	62



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW012920\
Data File : VW014792.D
Acq On : 29 Jan 2020 13:13
Operator : SY/VA
Sample : L1271-07
Misc : 5.03G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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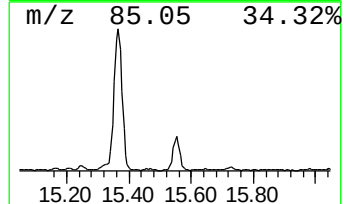
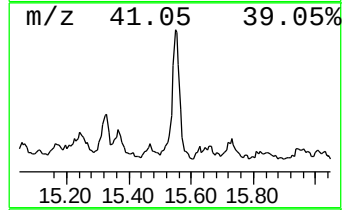
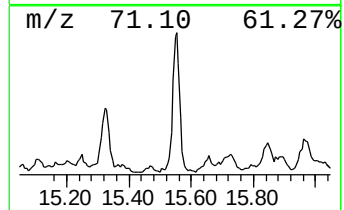
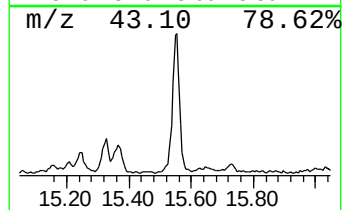
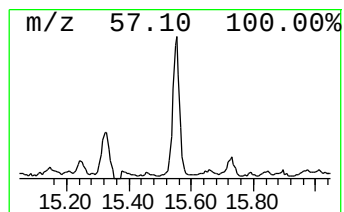
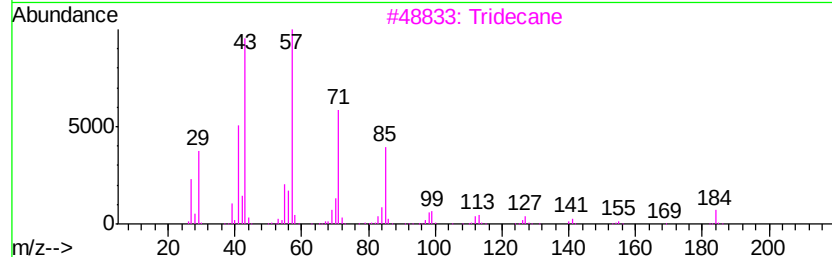
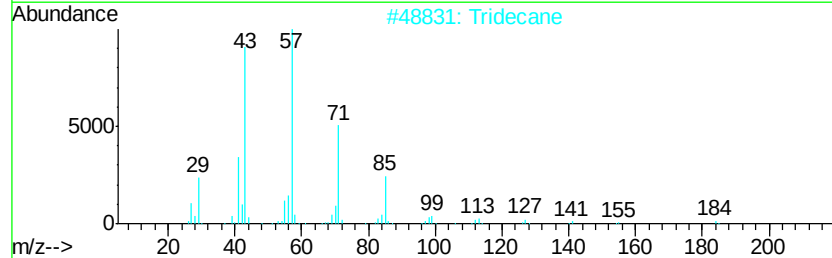
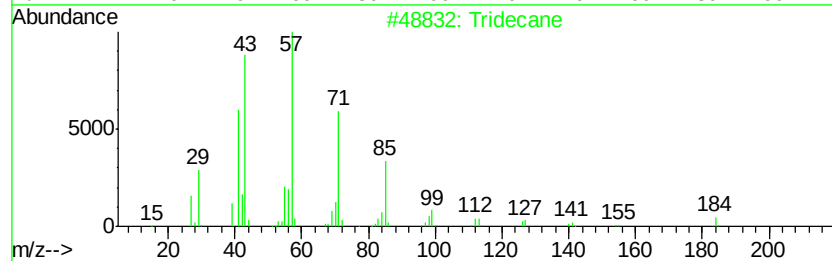
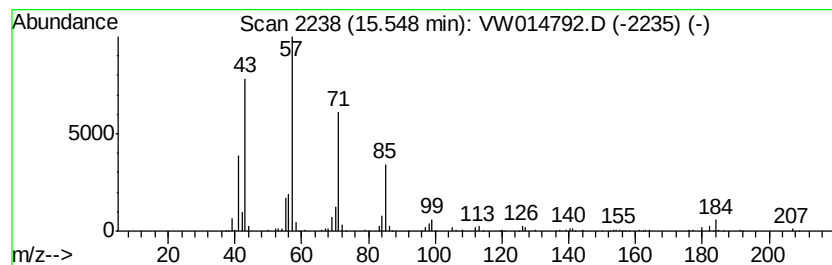
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Quant Title : VOC Analysis

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

Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.55	3.26 ug/L	352828	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	90
2		Tridecane	184	C13H28	000629-50-5	90
3		Tridecane	184	C13H28	000629-50-5	90
4		Nonadecane, 9-methyl-	282	C20H42	013287-24-6	90
5		Tridecane	184	C13H28	000629-50-5	90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW012920\
Data File : VW014792.D
Acq On : 29 Jan 2020 13:13
Operator : SY/VA
Sample : L1271-07
Misc : 5.03G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GASZ8

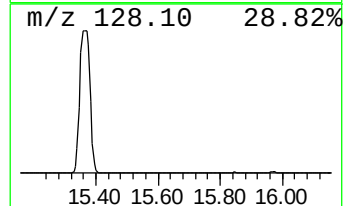
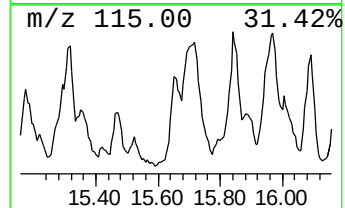
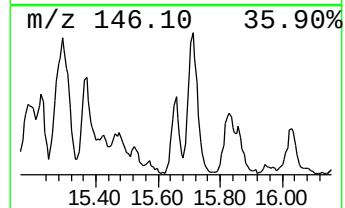
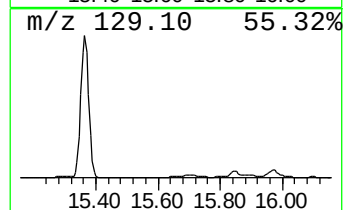
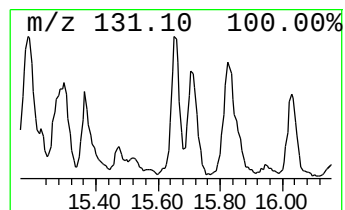
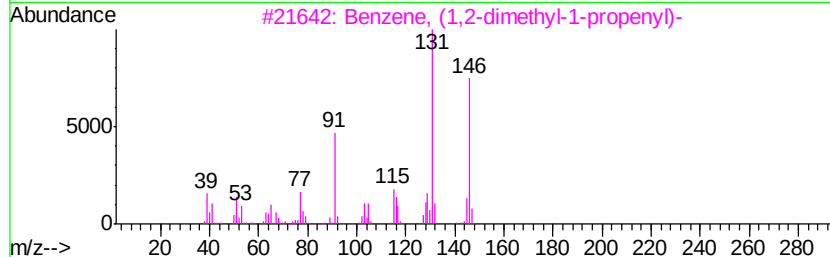
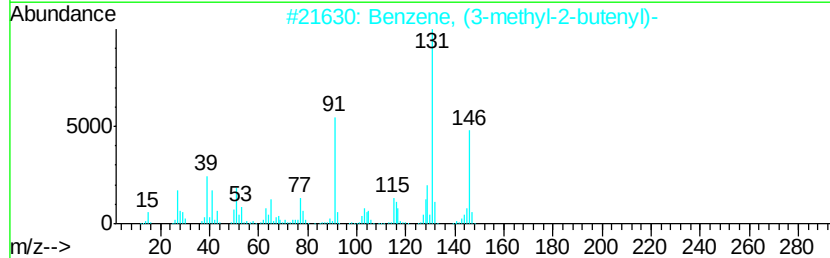
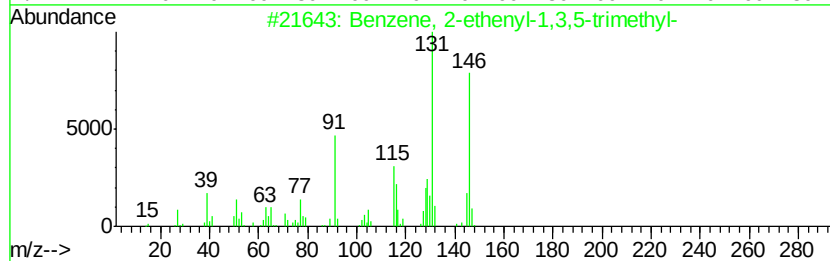
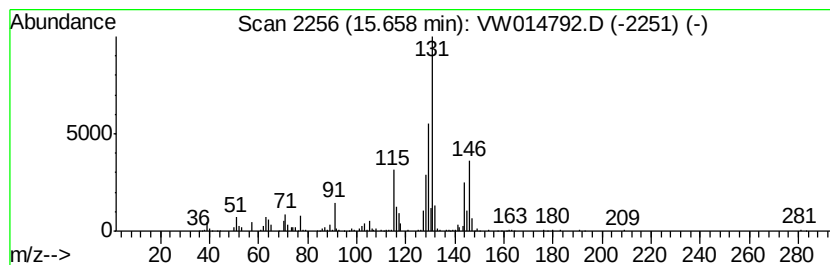
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Quant Title : VOC Analysis

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

Peak Number 33 Benzene, 2-ethenyl-1,3,5-tr... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.66	2.09 ug/L	226421	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	64
2		Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	64
3		Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	62
4		1H-Indene, 1-ethenyl-2,3-dihydro-	144	C11H12	051783-46-1	60
5		1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	58



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW012920\
Data File : VW014792.D
Acq On : 29 Jan 2020 13:13
Operator : SY/VA
Sample : L1271-07
Misc : 5.03G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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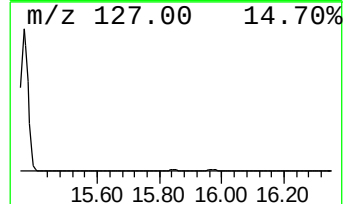
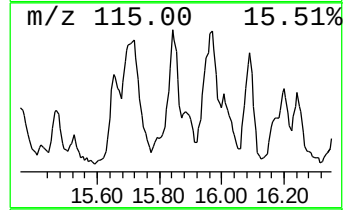
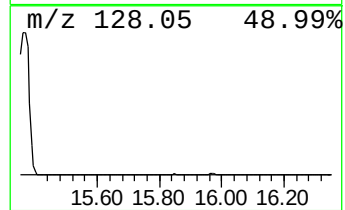
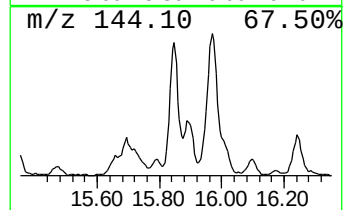
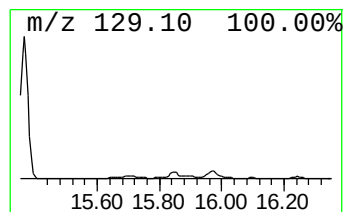
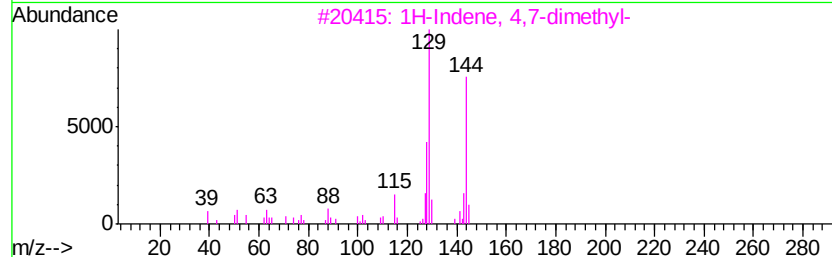
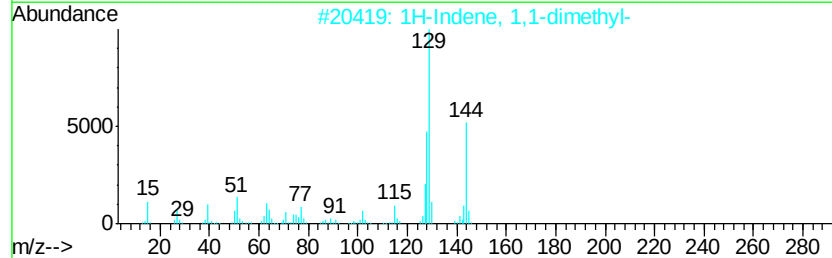
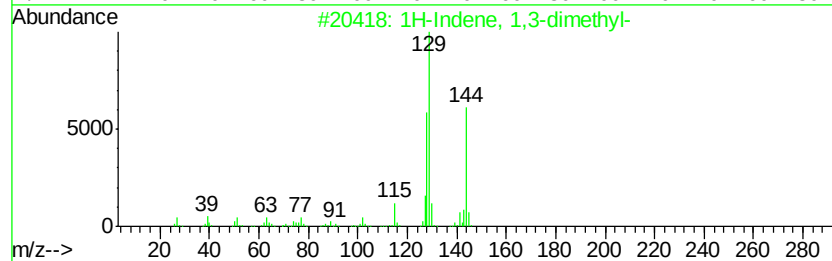
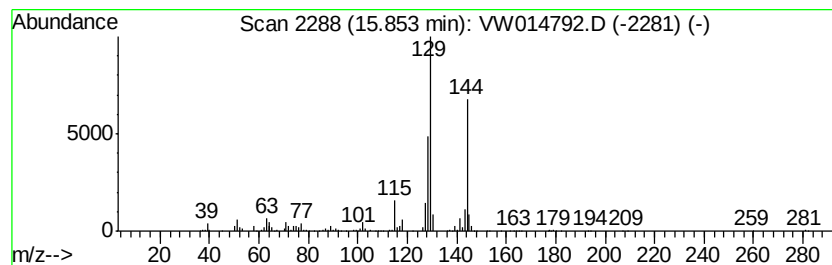
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Quant Title : VOC Analysis

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

Peak Number 34 1H-Indene, 1,3-dimethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.85	4.80 ug/L	519984	1,4-Dichlorobenzene-d4	13.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	94
2			1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	91
3			1H-Indene, 4,7-dimethyl-	144	C11H12	006974-97-6	90
4			1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	90
5			1H-Indene, 2,3-dimethyl-	144	C11H12	004773-82-4	87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW012920\
Data File : VW014792.D
Acq On : 29 Jan 2020 13:13
Operator : SY/VA
Sample : L1271-07
Misc : 5.03G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GASZ8

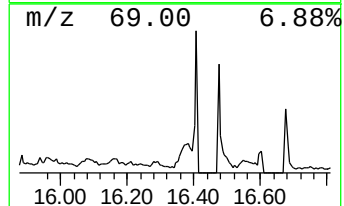
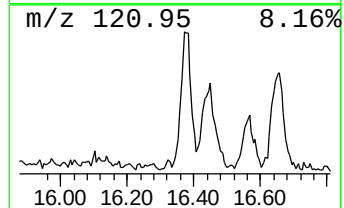
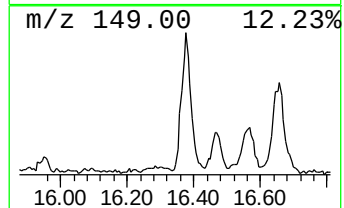
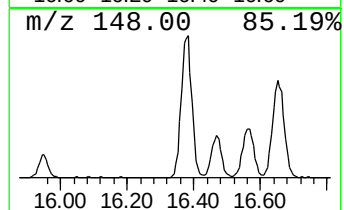
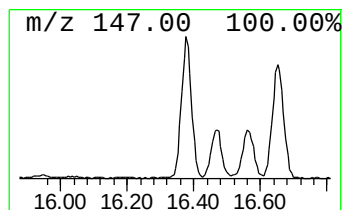
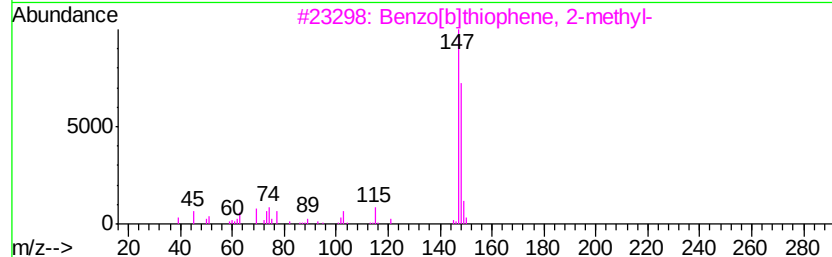
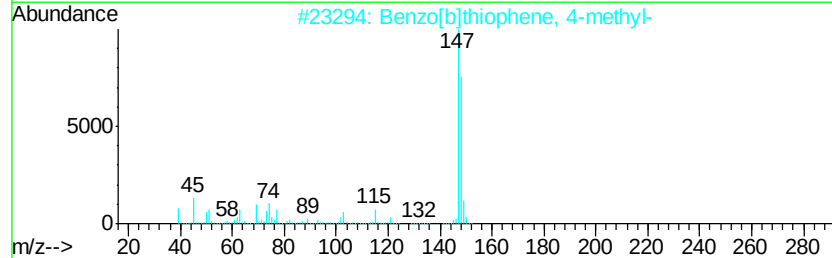
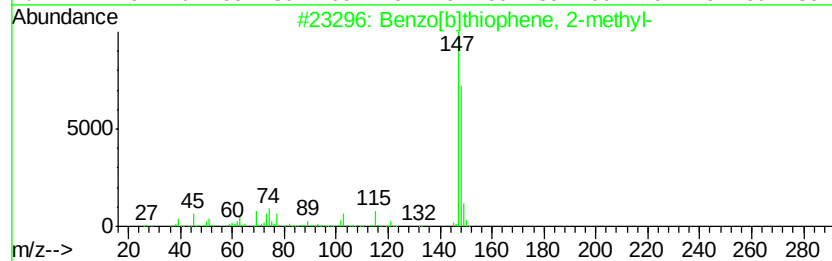
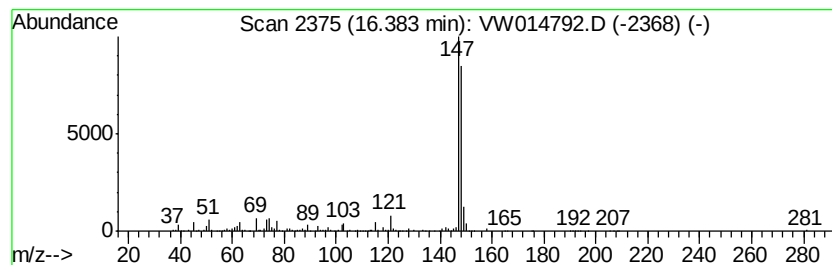
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Quant Title : VOC Analysis

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

Peak Number 36 Benzo[b]thiophene, 2-methyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.38	3.05 ug/L	330643	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	91
2		Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	91
3		Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	91
4		3-Methylbenzothiophene	148	C9H8S	001455-18-1	91
5		Benzo[b]thiophene, 5-methyl-	148	C9H8S	014315-14-1	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW012920\
Data File : VW014792.D
Acq On : 29 Jan 2020 13:13
Operator : SY/VA
Sample : L1271-07
Misc : 5.03G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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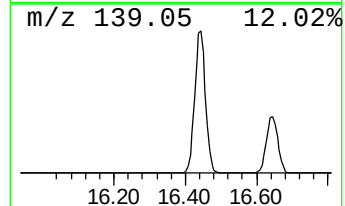
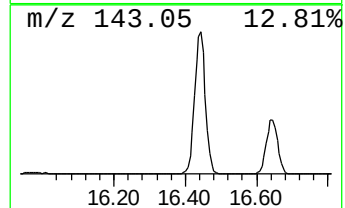
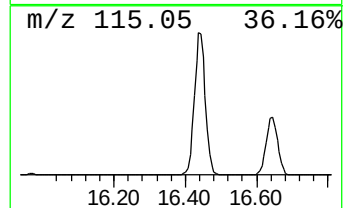
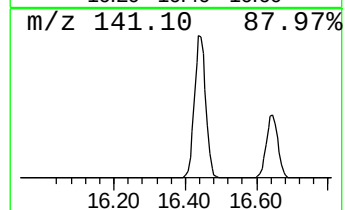
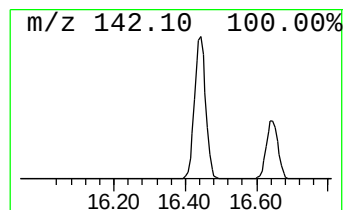
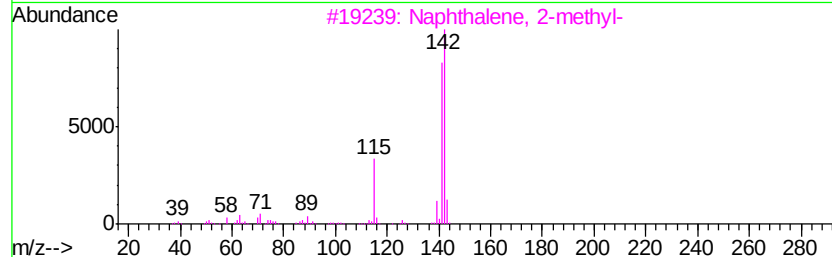
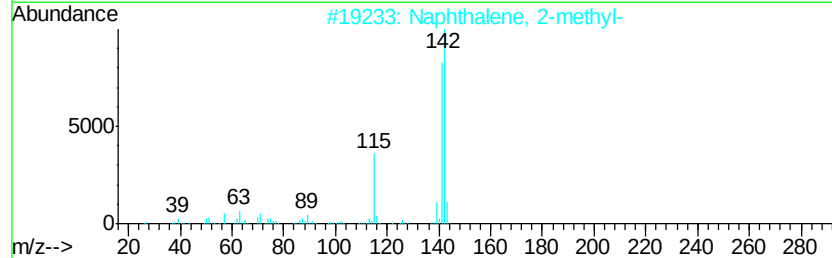
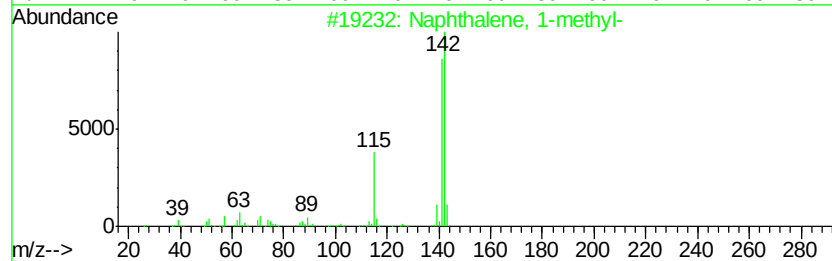
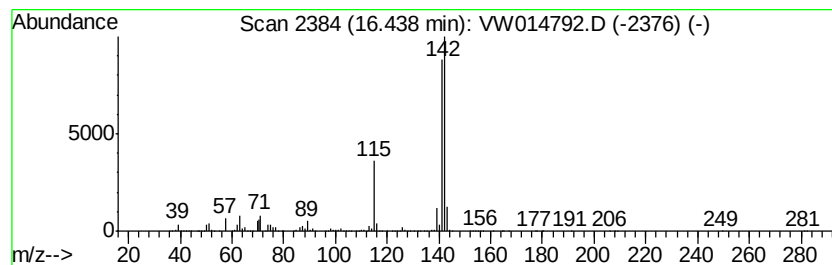
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Quant Title : VOC Analysis

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

Peak Number 37 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.44	526.51 ug/L	56991300	1,4-Dichlorobenzene-d4	13.55

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	93
5		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW012920\
 Data File : VW014792.D
 Acq On : 29 Jan 2020 13:13
 Operator : SY/VA
 Sample : L1271-07
 Misc : 5.03G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GASZ8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM012720S.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
Ethyl Acetate	7.25	4.6	ug/L	386849	1	8.84	2107740	25.0
Benzene, 1-ethyl-...	12.87	9.0	ug/L	977485	3	13.55	2706100	25.0
Mesitylene	12.94	14.2	ug/L	1535740	3	13.55	2706100	25.0
Benzene, 1-ethyl-...	13.11	6.8	ug/L	730315	3	13.55	2706100	25.0
Benzene, 1-etheny...	13.30	49.0	ug/L	5303460	3	13.55	2706100	25.0
Benzene, 1,1'-(1-...	13.62	6.4	ug/L	697202	3	13.55	2706100	25.0
2,4-Dimethylstyrene	13.71	2.2	ug/L	234634	3	13.55	2706100	25.0
Indane	13.76	8.8	ug/L	958318	3	13.55	2706100	25.0
Indene	13.94	82.5	ug/L	8929250	3	13.55	2706100	25.0
Benzene, 4-ethyl-...	14.01	2.4	ug/L	258631	3	13.55	2706100	25.0
Benzene, 2-ethyl-...	14.04	2.9	ug/L	310443	3	13.55	2706100	25.0
Benzene, 1-ethyl-...	14.09	4.0	ug/L	430361	3	13.55	2706100	25.0
Benzene, 1-etheny...	14.14	7.2	ug/L	776735	3	13.55	2706100	25.0
Benzene, 2-etheny...	14.23	24.4	ug/L	2639240	3	13.55	2706100	25.0
o-Cymene	14.33	1.4	ug/L	153135	3	13.55	2706100	25.0
Benzene, 1,2,4,5-...	14.41	7.7	ug/L	834525	3	13.55	2706100	25.0
Benzene, 1-ethyl-...	14.46	13.4	ug/L	1445630	3	13.55	2706100	25.0
Benzene, 4-etheny...	14.55	15.1	ug/L	1632610	3	13.55	2706100	25.0
(DEL) Alkane: Str...	14.72	3.8	ug/L	415728	3	13.55	2706100	25.0
2-Methylindene	14.87	42.5	ug/L	4603810	3	13.55	2706100	25.0
1H-Indene, 1-methyl-	14.95	72.0	ug/L	7788330	3	13.55	2706100	25.0
1,4-Dihydronaphth...	15.05	5.4	ug/L	588047	3	13.55	2706100	25.0
Benzene, (2-methy...	15.18	2.9	ug/L	318717	3	13.55	2706100	25.0
Benzo[b]thiophene	15.46	4.1	ug/L	444709	3	13.55	2706100	25.0
(DEL) Alkane: Str...	15.55	3.3	ug/L	352828	3	13.55	2706100	25.0
Benzene, 2-etheny...	15.66	2.1	ug/L	226421	3	13.55	2706100	25.0
1H-Indene, 1,3-di...	15.85	4.8	ug/L	519984	3	13.55	2706100	25.0
Benzo[b]thiophene...	16.38	3.0	ug/L	330643	3	13.55	2706100	25.0
Naphthalene, 1-me...	16.44	526.5	ug/L	56991300	3	13.55	2706100	25.0