

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW012820\
 Data File : VW014785.D
 Acq On : 28 Jan 2020 14:02
 Operator : SY/VA
 Sample : L1271-12
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAT03

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	2.154	37	41	47	rBV	7143	13285	0.37%	0.041%
2	2.355	67	74	85	rVB	353839	641152	17.88%	1.978%
3	2.891	154	162	177	rBV	229774	559668	15.61%	1.726%
4	3.678	287	291	297	rVB5	1542	2841	0.08%	0.009%
5	3.757	302	304	307	rVB2	1033	1030	0.03%	0.003%
6	3.922	328	331	334	rBV3	1030	1088	0.03%	0.003%
7	4.013	334	346	359	rBV	429543	1326037	36.98%	4.090%
8	4.233	380	382	385	rBV3	873	871	0.02%	0.003%
9	4.373	401	405	406	rBV2	2957	3194	0.09%	0.010%
10	4.446	416	417	423	rVB5	1160	1517	0.04%	0.005%
11	4.507	423	427	431	rVB7	599	923	0.03%	0.003%
12	4.915	482	494	507	rBV2	36898	134250	3.74%	0.414%
13	5.129	524	529	530	rVV4	1499	1951	0.05%	0.006%
14	5.147	530	532	540	rVB6	1560	2885	0.08%	0.009%
15	5.409	573	575	577	rBV2	838	959	0.03%	0.003%
16	5.757	623	632	633	rBV4	1276	1987	0.06%	0.006%
17	5.934	652	661	672	rVB7	7727	24573	0.69%	0.076%
18	6.275	711	717	720	rVB3	758	1054	0.03%	0.003%
19	6.427	740	742	748	rVB4	549	991	0.03%	0.003%
20	6.604	769	771	774	rBV	825	935	0.03%	0.003%
21	6.720	788	790	794	rVB	684	965	0.03%	0.003%
22	7.068	838	847	852	rBV	78980	218165	6.08%	0.673%
23	7.129	853	857	872	rVB	88056	233509	6.51%	0.720%
24	7.378	896	898	901	rBV2	878	922	0.03%	0.003%
25	7.513	917	920	921	rBV2	1351	1292	0.04%	0.004%
26	7.641	930	941	953	rBV	580187	1455020	40.58%	4.488%
27	7.866	977	978	983	rVB4	748	983	0.03%	0.003%
28	7.945	983	991	998	rVB9	2814	7235	0.20%	0.022%
29	8.067	1005	1011	1014	rVB5	651	1258	0.04%	0.004%
30	8.141	1021	1023	1028	rVB4	651	1125	0.03%	0.003%
31	8.269	1032	1044	1061	rBV2	1242406	3585529	100.00%	11.060%
32	8.543	1084	1089	1092	rBV5	1145	2115	0.06%	0.007%
33	8.683	1106	1112	1113	rBV3	1678	2405	0.07%	0.007%
34	8.836	1127	1137	1155	rBV	1211113	2411139	67.25%	7.438%

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

35	9.079	1171	1177	1186	rVB	5081	12212	0.34%	0.038%
36	9.165	1190	1191	1197	rVV3	845	1181	0.03%	0.004%
37	9.268	1199	1208	1231	rVV	812481	1671569	46.62%	5.156%
38	9.415	1231	1232	1239	rVV4	1513	2169	0.06%	0.007%
39	9.585	1256	1260	1265	rVB5	1041	2264	0.06%	0.007%
40	9.659	1265	1272	1281	rBV8	2449	7900	0.22%	0.024%
41	9.890	1304	1310	1313	rBV6	2082	4025	0.11%	0.012%
42	10.030	1322	1333	1343	rBV	408504	744452	20.76%	2.296%
43	10.122	1346	1348	1351	rVB3	1469	1588	0.04%	0.005%
44	10.207	1357	1362	1369	rBV4	7924	14800	0.41%	0.046%
45	10.323	1372	1381	1388	rBV	1711313	3019910	84.22%	9.316%
46	10.384	1388	1391	1407	rVB2	19962	41324	1.15%	0.127%
47	10.500	1407	1410	1414	rBV5	1168	1584	0.04%	0.005%
48	10.573	1415	1422	1436	rBV	258384	445322	12.42%	1.374%
49	10.701	1436	1443	1450	rBV	90904	162914	4.54%	0.503%
50	10.860	1460	1469	1473	rBV4	11819	22148	0.62%	0.068%
51	10.921	1473	1479	1494	rVV	317473	536434	14.96%	1.655%
52	11.061	1496	1502	1515	rVV	79476	139811	3.90%	0.431%
53	11.164	1515	1519	1520	rVV3	1803	2381	0.07%	0.007%
54	11.225	1528	1529	1534	rVV4	992	1296	0.04%	0.004%
55	11.280	1536	1538	1540	rVB3	1343	1426	0.04%	0.004%
56	11.439	1558	1564	1570	rVB	31152	51738	1.44%	0.160%
57	11.500	1572	1574	1577	rVB3	788	890	0.02%	0.003%
58	11.542	1577	1581	1582	rBV3	999	1138	0.03%	0.004%
59	11.628	1587	1595	1606	rBV	1636915	2699377	75.29%	8.327%
60	11.731	1608	1612	1616	rVV	10335	16192	0.45%	0.050%
61	11.786	1617	1621	1622	rVV2	2910	4128	0.12%	0.013%
62	11.835	1622	1629	1641	rVV	140852	276861	7.72%	0.854%
63	12.109	1672	1674	1676	rBV2	1795	2066	0.06%	0.006%
64	12.164	1676	1683	1692	rBV2	118260	220650	6.15%	0.681%
65	12.335	1708	1711	1714	rBV4	2069	2698	0.08%	0.008%
66	12.432	1724	1727	1728	rBV3	1098	1076	0.03%	0.003%
67	12.457	1728	1731	1736	rVV3	6878	10730	0.30%	0.033%
68	12.609	1749	1756	1762	rBV	122049	204963	5.72%	0.632%
69	12.688	1762	1769	1776	rBV	476234	783784	21.86%	2.418%
70	12.756	1778	1780	1785	rVV6	2776	3581	0.10%	0.011%
71	12.865	1792	1798	1801	rBV	51069	92001	2.57%	0.284%

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72	12.938	1806	1810	1817	rVB2	123831	208638	5.82%	0.644%
73	13.103	1829	1837	1844	rBV	35632	71082	1.98%	0.219%
74	13.195	1849	1852	1853	rBV3	2074	2056	0.06%	0.006%
75	13.249	1855	1861	1865	rVV	262555	407199	11.36%	1.256%
76	13.298	1865	1869	1874	rVV2	177050	274650	7.66%	0.847%
77	13.347	1874	1877	1883	rVB	43603	65237	1.82%	0.201%
78	13.469	1890	1897	1901	rBV	50365	86936	2.42%	0.268%
79	13.554	1905	1911	1932	rVB	1424980	2591699	72.28%	7.995%
80	13.719	1932	1938	1939	rBV5	18427	30041	0.84%	0.093%
81	13.755	1940	1944	1946	rBV2	46009	66946	1.87%	0.207%
82	13.786	1947	1949	1953	rVB2	51065	64714	1.80%	0.200%
83	13.853	1953	1960	1968	rVB	1267394	2071221	57.77%	6.389%
84	13.938	1969	1974	1979	rVB	147218	238709	6.66%	0.736%
85	14.011	1982	1986	1987	rBV	24796	30863	0.86%	0.095%
86	14.066	1992	1995	1998	rBV	48163	65405	1.82%	0.202%
87	14.133	2004	2006	2012	rVB3	22575	41090	1.15%	0.127%
88	14.231	2018	2022	2027	rVB	108525	157278	4.39%	0.485%
89	14.328	2034	2038	2043	rBV4	27111	43550	1.21%	0.134%
90	14.420	2049	2053	2055	rBV	43494	55570	1.55%	0.171%
91	14.456	2055	2059	2063	rVV	90918	127295	3.55%	0.393%
92	14.499	2063	2066	2070	rVV3	26225	42799	1.19%	0.132%
93	14.554	2071	2075	2080	rVB4	61151	104468	2.91%	0.322%
94	14.694	2094	2098	2100	rBV2	28028	45416	1.27%	0.140%
95	14.792	2109	2114	2121	rBV2	126558	268603	7.49%	0.829%
96	14.865	2123	2126	2133	rVB4	85882	161802	4.51%	0.499%
97	14.950	2135	2140	2146	rVV	196512	352509	9.83%	1.087%
98	15.365	2203	2208	2213	rBV	351530	584040	16.29%	1.802%
99	16.444	2378	2385	2391	rBV	577296	1177289	32.83%	3.632%
100	16.645	2410	2418	2429	rVB	492985	1129533	31.50%	3.484%

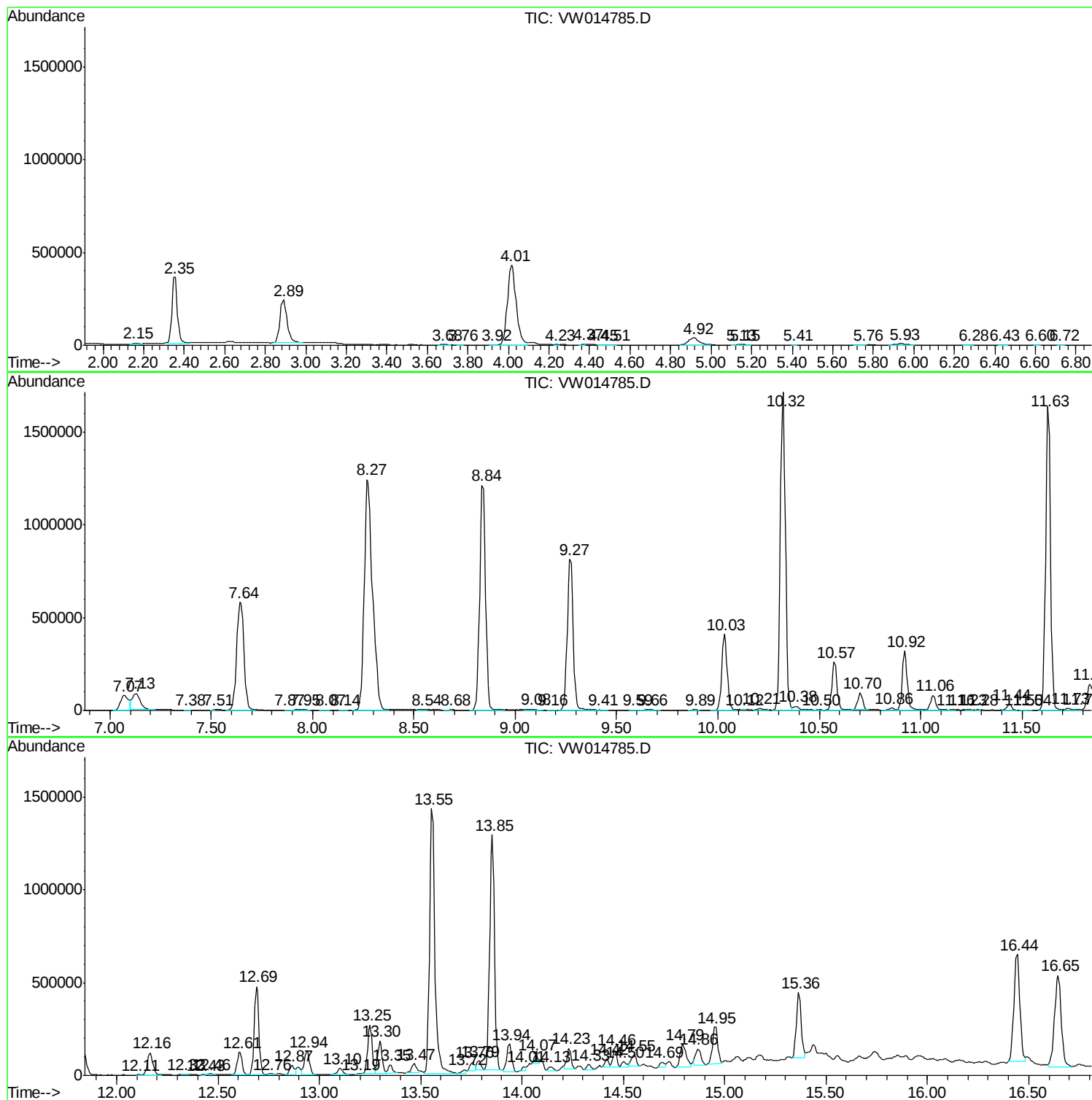
Sum of corrected areas: 32418074

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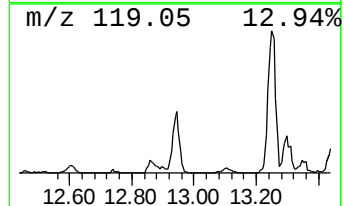
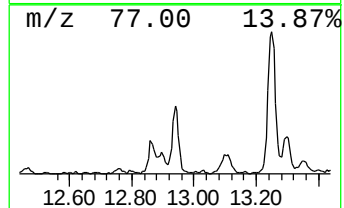
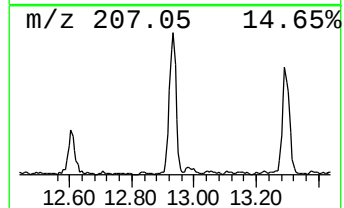
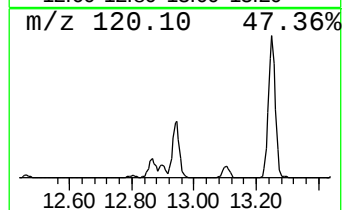
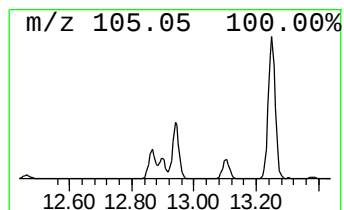
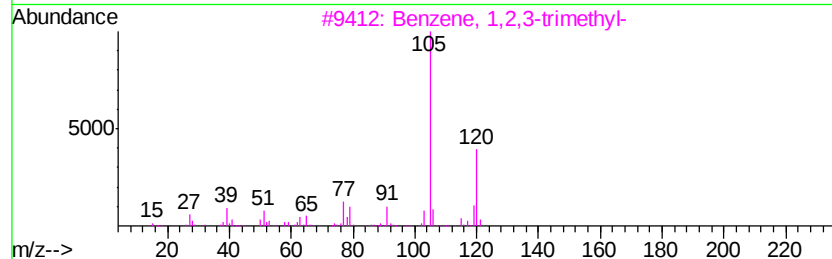
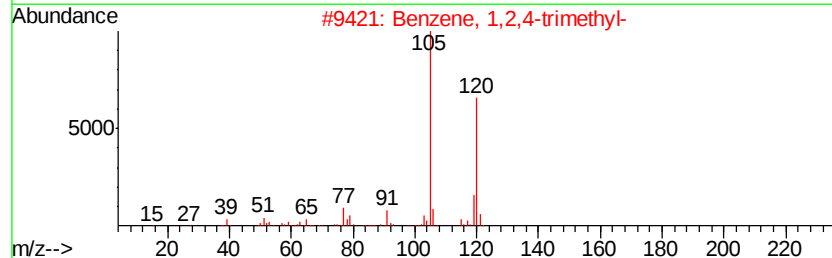
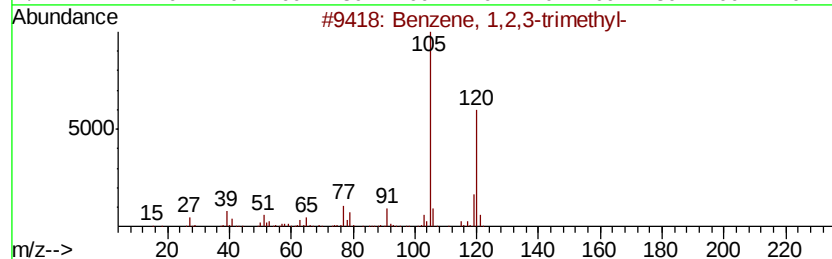
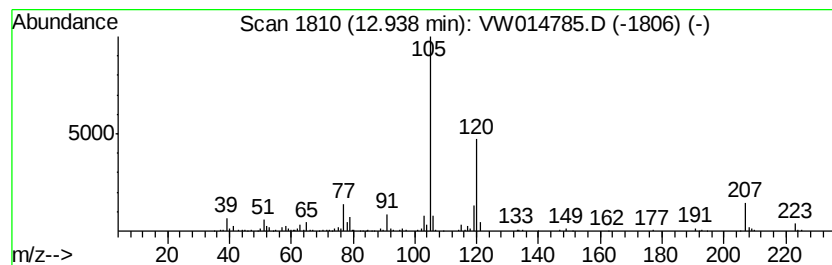
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM012720S.M
Quant Title : VOC Analysis

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

Peak Number 6 Benzene, 1,2,3-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.94	2.01 ug/L	208638	1,4-Dichlorobenzene-d4	13.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
4			Mesitylene	120	C9H12	000108-67-8	93
5			Mesitylene	120	C9H12	000108-67-8	93



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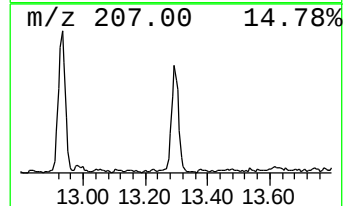
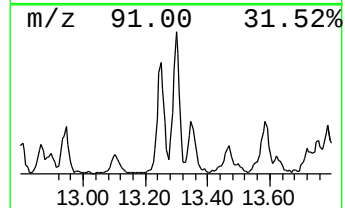
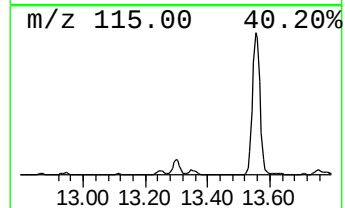
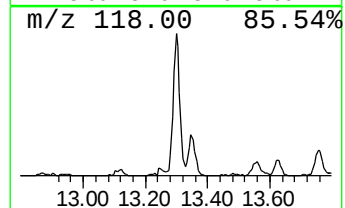
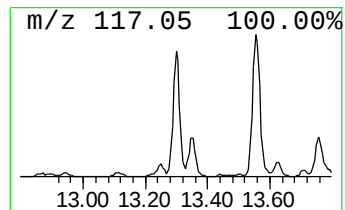
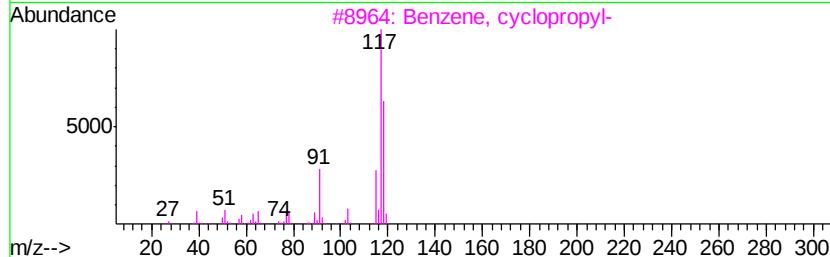
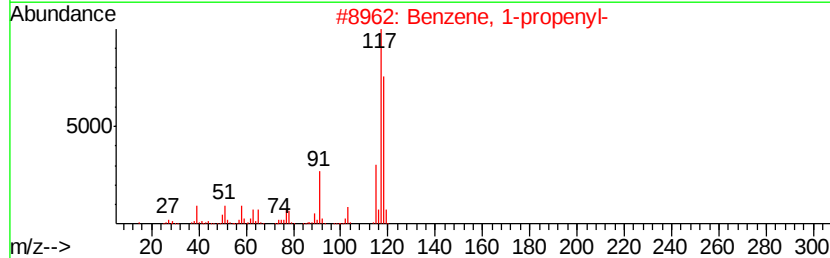
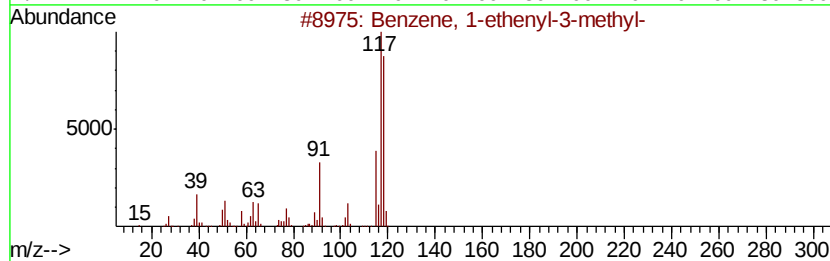
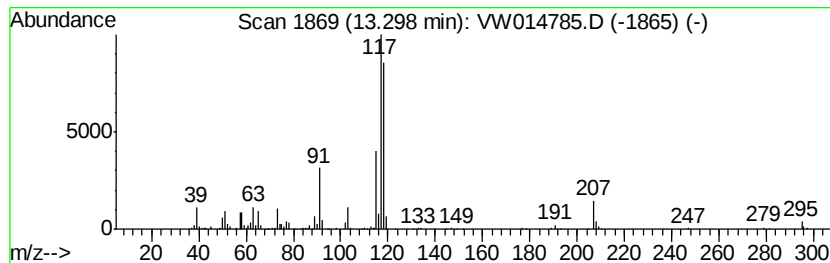
Instrument :
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ClientSampleId :
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM012720S.M
Quant Title : VOC Analysis

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

Peak Number 8 Benzene, 1-ethenyl-3-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.30	2.65 ug/L	274650	1,4-Dichlorobenzene-d4	13.55
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, 1-ethenyl-3-methyl-	118 C9H10	000100-80-1 86
2		Benzene, 1-propenyl-	118 C9H10	000637-50-3 86
3		Benzene, cyclopropyl-	118 C9H10	000873-49-4 86
4		Benzene, 1-propenyl-	118 C9H10	000637-50-3 86
5		Benzene, 1-ethenyl-2-methyl-	118 C9H10	000611-15-4 86



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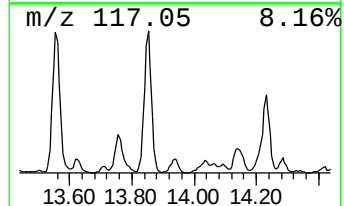
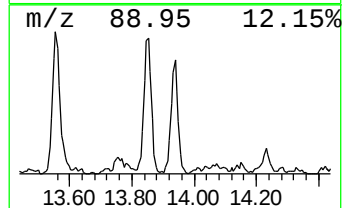
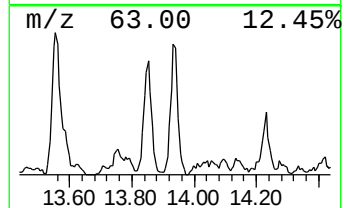
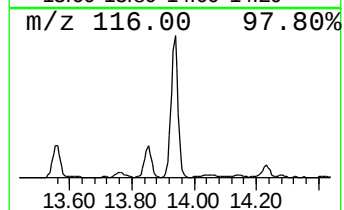
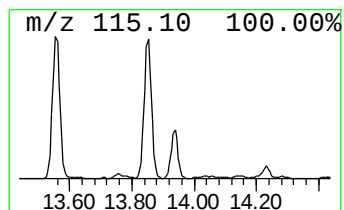
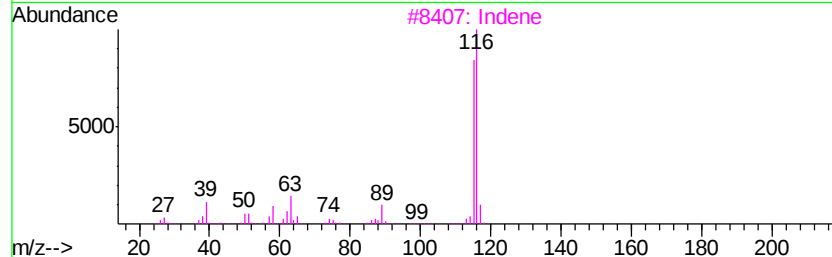
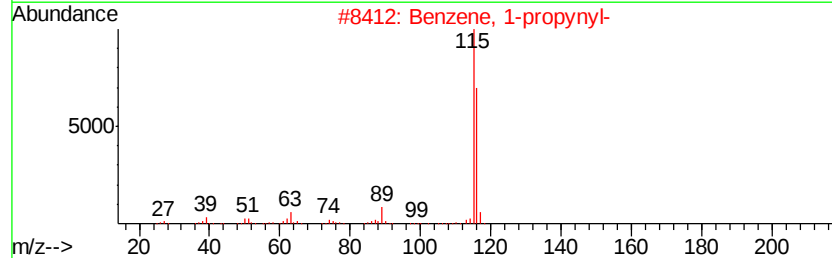
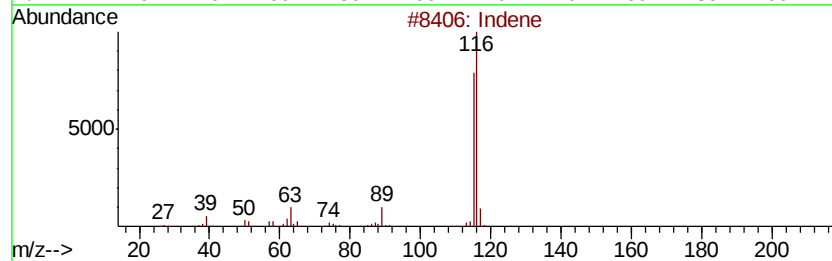
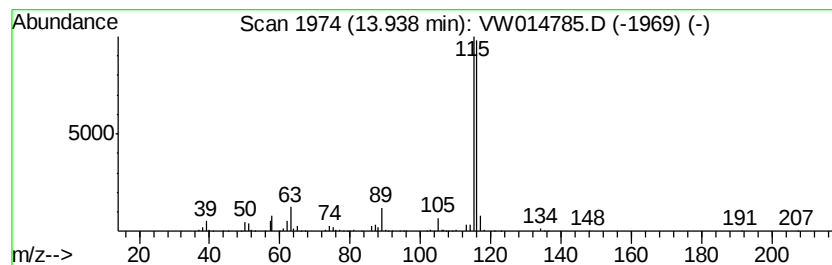
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Quant Title : VOC Analysis

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

Peak Number 9 Indene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	2.30 ug/L	238709	1,4-Dichlorobenzene-d4	13.55

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene		116	C9H8	000095-13-6	97
2	Benzene, 1-propynyl-		116	C9H8	000673-32-5	94
3	Indene		116	C9H8	000095-13-6	93
4	Benzene, 1-propynyl-		116	C9H8	000673-32-5	91
5	3-Methylphenylacetylene		116	C9H8	000766-82-5	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW012820\
Data File : VW014785.D
Acq On : 28 Jan 2020 14:02
Operator : SY/VA
Sample : L1271-12
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

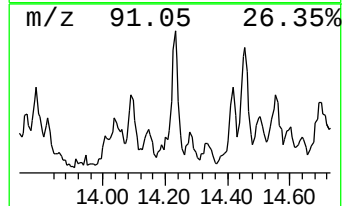
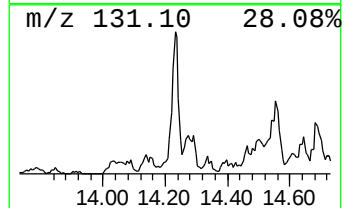
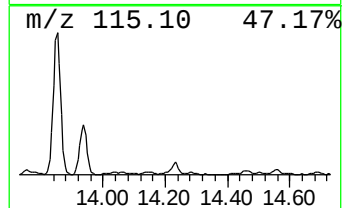
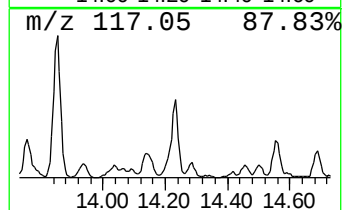
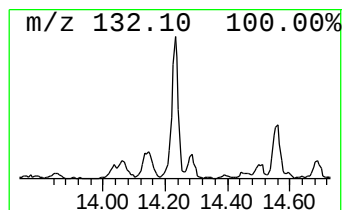
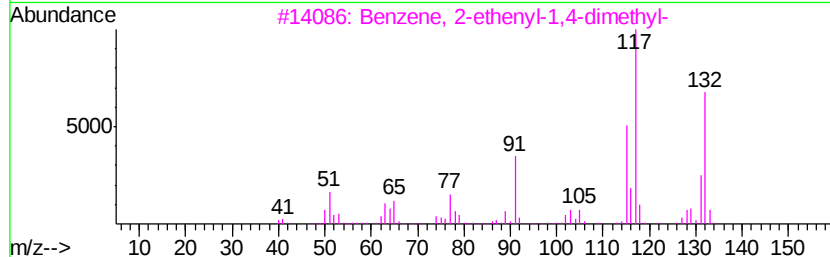
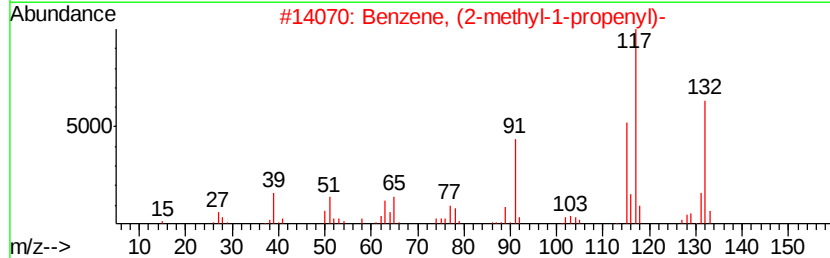
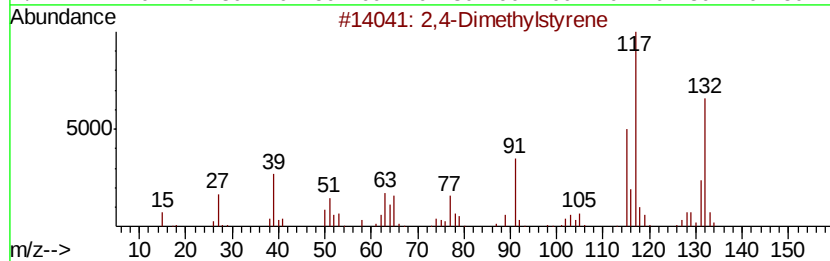
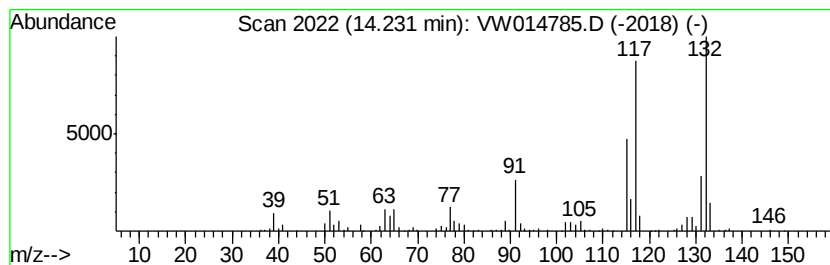
Instrument :
MSVOA_W
ClientSampleId :
GAT03

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

Peak Number 10 2,4-Dimethylstyrene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.23	1.52 ug/L	157278	1,4-Dichlorobenzene-d4	13.55	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Dimethylstvrene	132	C10H12	002234-20-0	97
2	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	96
3	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
4	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	94
5	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW012820\
Data File : VW014785.D
Acq On : 28 Jan 2020 14:02
Operator : SY/VA
Sample : L1271-12
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT03

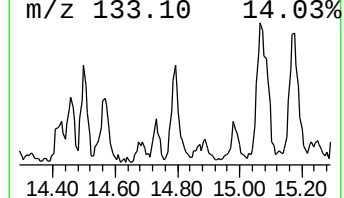
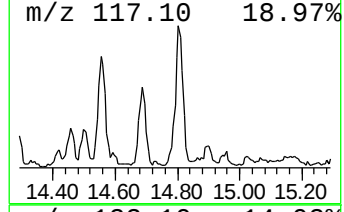
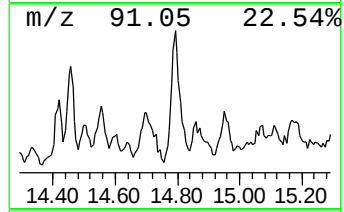
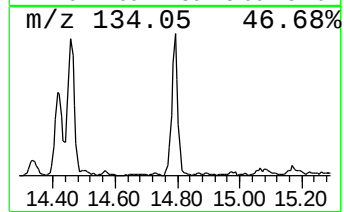
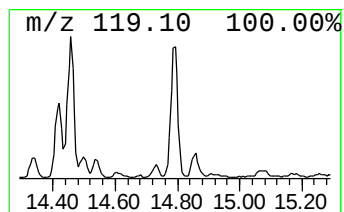
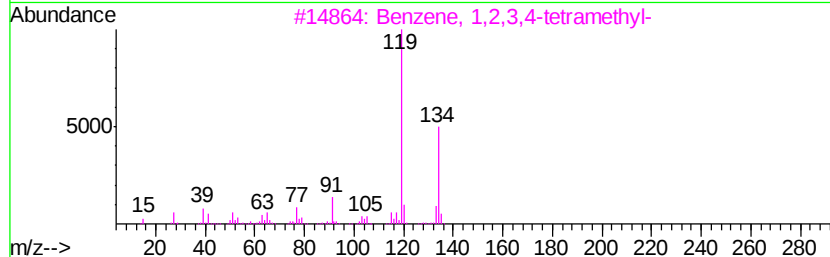
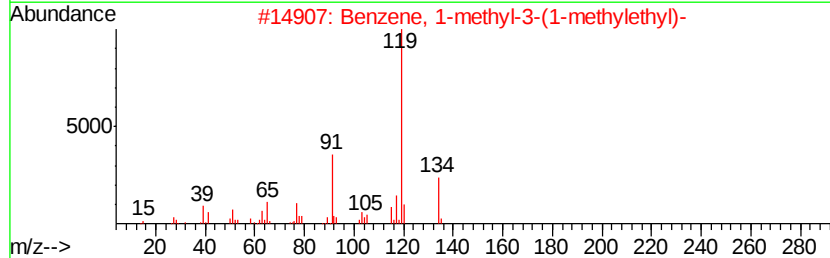
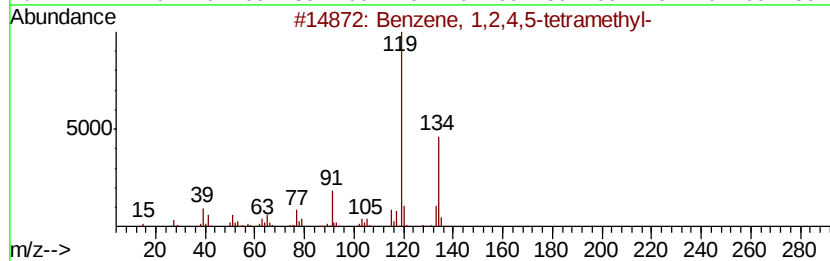
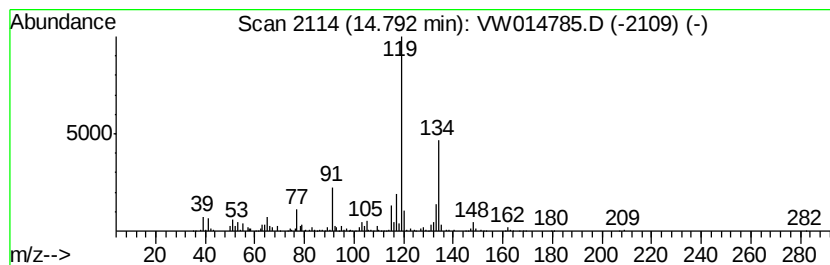
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Quant Title : VOC Analysis

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

Peak Number 11 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	2.59 ug/L	268603	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	91
2		Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	87
3		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	87
4		o-Cymene	134	C10H14	000527-84-4	87
5		1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW012820\
 Data File : VW014785.D
 Acq On : 28 Jan 2020 14:02
 Operator : SY/VA
 Sample : L1271-12
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
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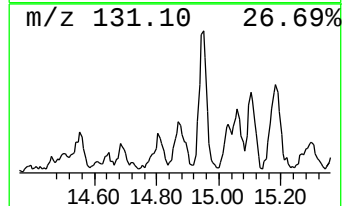
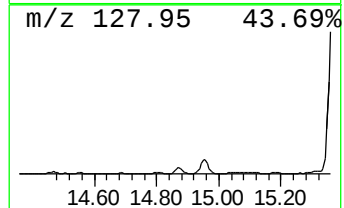
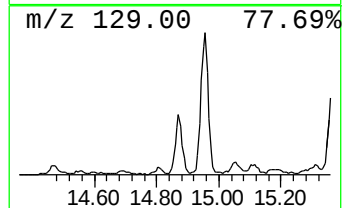
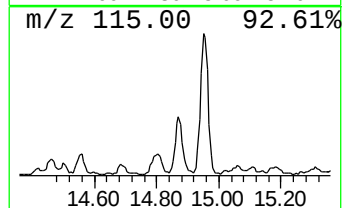
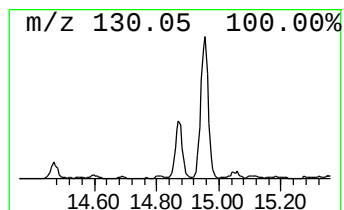
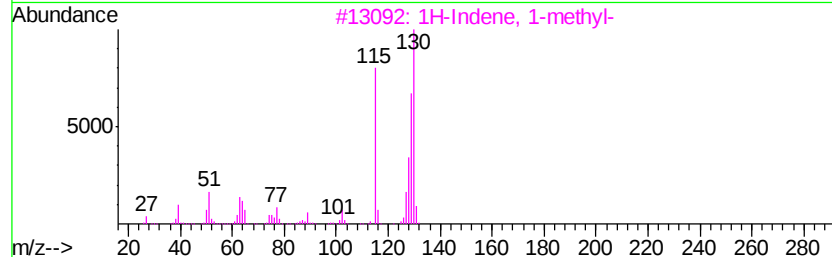
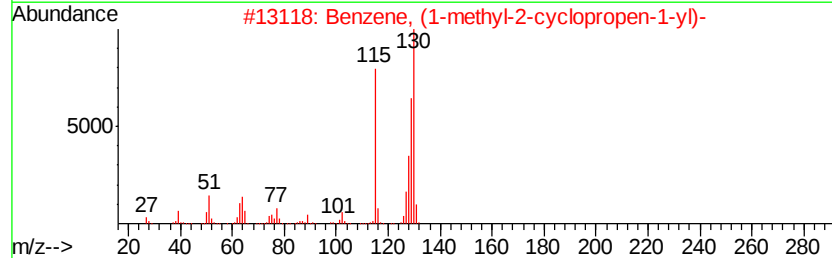
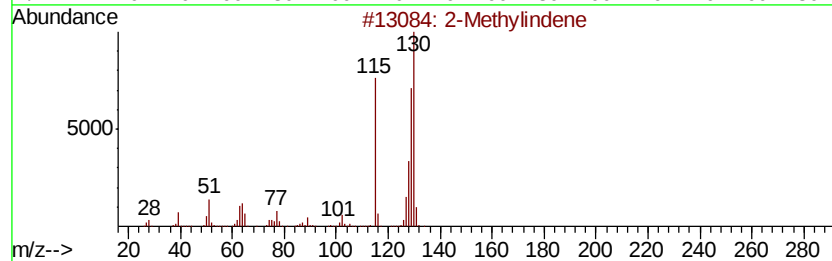
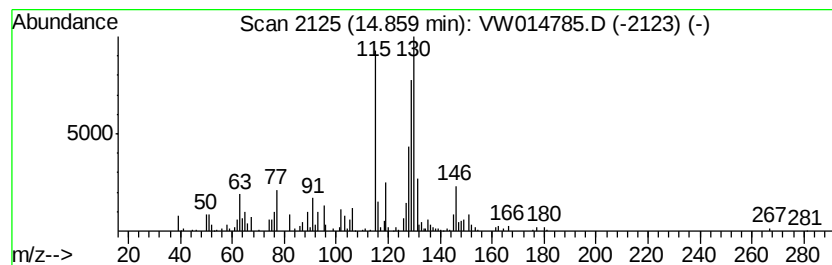
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 Quant Title : VOC Analysis

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

 Peak Number 12 2-Methylindene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	1.56 ug/L	161802	1,4-Dichlorobenzene-d4	13.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Methylindene	130	C10H10	002177-47-1	96
2			Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	95
3			1H-Indene, 1-methyl-	130	C10H10	000767-59-9	90
4			2-Methylindene	130	C10H10	002177-47-1	89
5			Benzene, 1-butynyl-	130	C10H10	000622-76-4	81



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW012820\
Data File : VW014785.D
Acq On : 28 Jan 2020 14:02
Operator : SY/VA
Sample : L1271-12
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT03

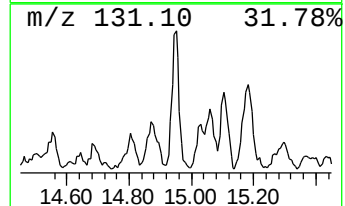
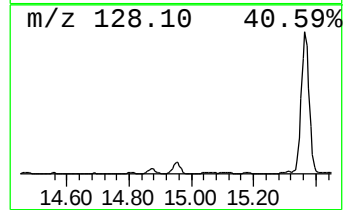
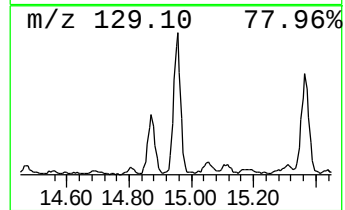
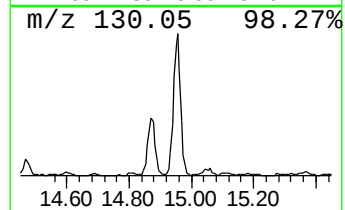
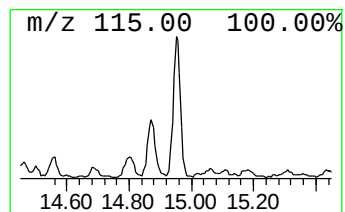
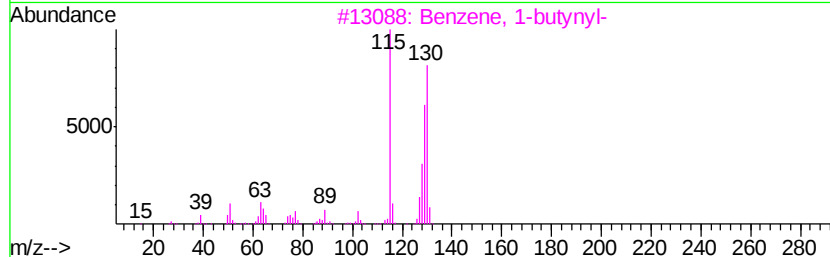
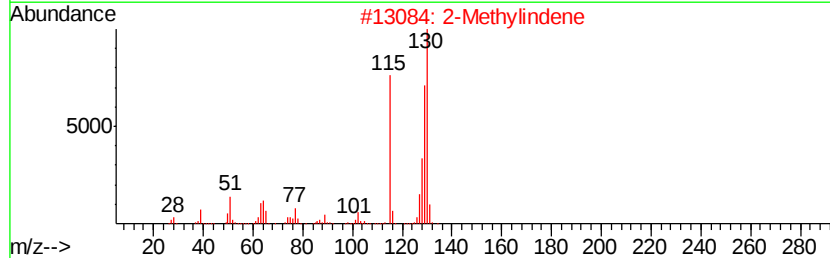
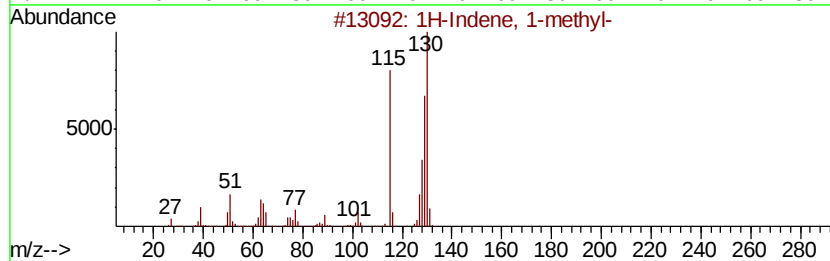
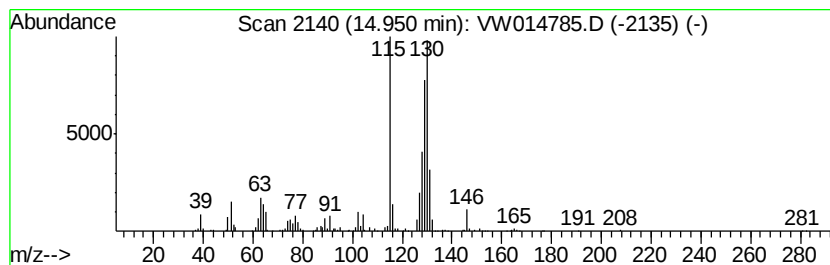
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Quant Title : VOC Analysis

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

Peak Number 13 1H-Indene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.95	3.40 ug/L	352509	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		2-Methylindene	130	C10H10	002177-47-1	95
3		Benzene, 1-butynyl-	130	C10H10	000622-76-4	95
4		Benzene, 1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	95
5		Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW012820\
Data File : VW014785.D
Acq On : 28 Jan 2020 14:02
Operator : SY/VA
Sample : L1271-12
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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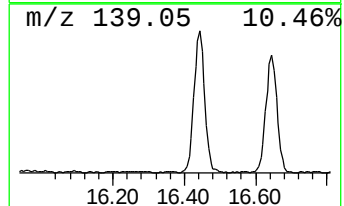
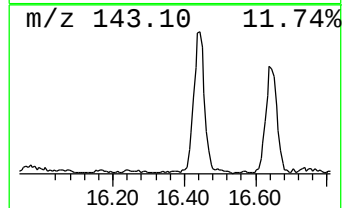
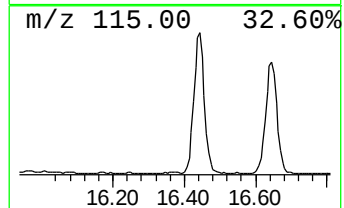
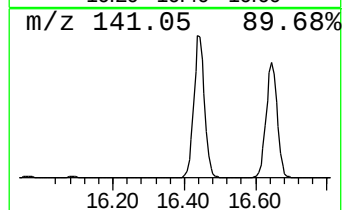
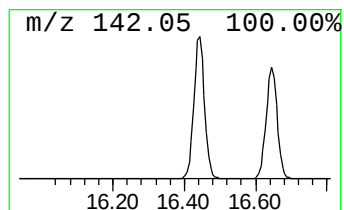
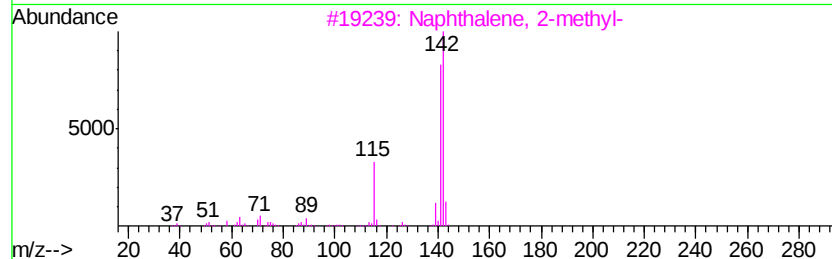
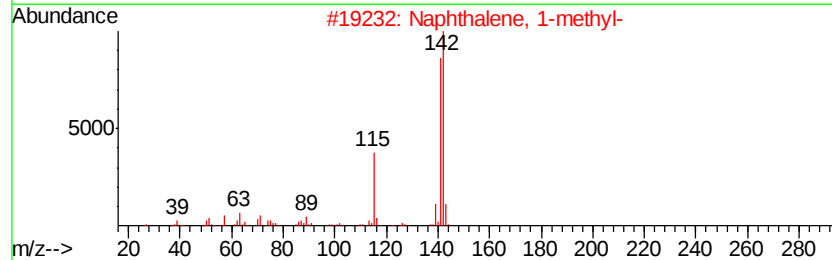
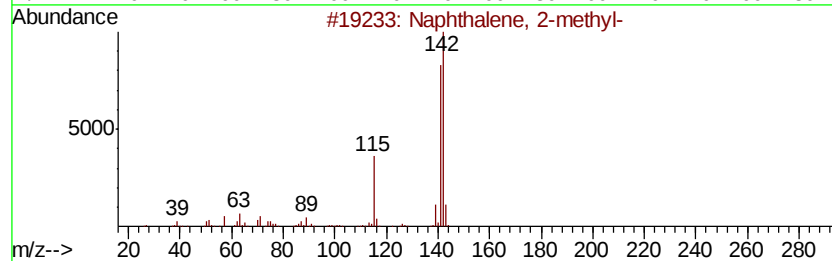
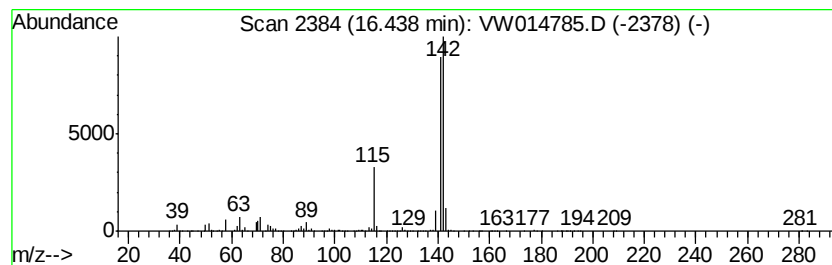
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Quant Title : VOC Analysis

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

Peak Number 15 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.44	11.36 ug/L	1177290	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	97
3		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
4		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
5		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012820\
Data File : VW014785.D
Acq On : 28 Jan 2020 14:02
Operator : SY/VA
Sample : L1271-12
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT03

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
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Benzene, 1-etheny...	13.30	2.6	ug/L	274650	3	13.55	2591700	25.0
Indene	13.94	2.3	ug/L	238709	3	13.55	2591700	25.0
2,4-Dimethylstyrene	14.23	1.5	ug/L	157278	3	13.55	2591700	25.0
Benzene, 1,2,4,5-...	14.79	2.6	ug/L	268603	3	13.55	2591700	25.0
2-Methylindene	14.86	1.6	ug/L	161802	3	13.55	2591700	25.0
1H-Indene, 1-methyl-	14.95	3.4	ug/L	352509	3	13.55	2591700	25.0
Naphthalene, 1-me...	16.44	11.4	ug/L	1177290	3	13.55	2591700	25.0