

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011420\
 Data File : VW014631.D
 Acq On : 14 Jan 2020 14:22
 Operator : SY/VA
 Sample : L1109-12
 Misc : 5.01G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GASH1

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

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

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.959	5	9	22	rVB5	7791	23410	0.13%	0.033%
2	2.154	36	41	45	rBV2	8568	16816	0.09%	0.024%
3	2.215	47	51	54	rBV4	4156	7502	0.04%	0.011%
4	2.349	67	73	87	rVB	343798	630399	3.37%	0.901%
5	2.885	154	161	177	rBV	220786	544954	2.92%	0.779%
6	3.367	237	240	241	rBV3	1405	1550	0.01%	0.002%
7	3.525	264	266	272	rVB5	1339	2343	0.01%	0.003%
8	3.623	279	282	286	rVB5	629	882	0.00%	0.001%
9	3.678	286	291	295	rVB6	1419	2541	0.01%	0.004%
10	4.019	333	347	360	rBV	491587	1588499	8.50%	2.270%
11	4.367	401	404	405	rBV2	1300	1148	0.01%	0.002%
12	4.385	405	407	410	rVV2	1219	1557	0.01%	0.002%
13	4.915	482	494	510	rVV3	26246	105355	0.56%	0.151%
14	5.068	515	519	522	rVV	1002	1371	0.01%	0.002%
15	5.129	527	529	531	rVV2	942	1115	0.01%	0.002%
16	5.153	531	533	535	rVV2	1286	1432	0.01%	0.002%
17	5.178	535	537	542	rVV2	1391	1919	0.01%	0.003%
18	5.293	554	556	560	rVV4	676	1094	0.01%	0.002%
19	5.769	629	634	635	rVV2	1513	2675	0.01%	0.004%
20	5.781	635	636	644	rVV5	2175	4576	0.02%	0.007%
21	5.940	652	662	674	rVV4	7617	24264	0.13%	0.035%
22	6.519	755	757	760	rVB2	808	898	0.00%	0.001%
23	6.561	760	764	767	rBV2	736	994	0.01%	0.001%
24	6.982	831	833	837	rBV4	999	1144	0.01%	0.002%
25	7.074	837	848	854	rBV	112361	311531	1.67%	0.445%
26	7.531	919	923	925	rBV3	1615	2560	0.01%	0.004%
27	7.641	931	941	955	rBV	651375	1632704	8.74%	2.334%
28	7.945	987	991	998	rVB5	3493	8032	0.04%	0.011%
29	8.073	1008	1012	1015	rVB4	785	932	0.00%	0.001%
30	8.275	1034	1045	1061	rBV2	1438954	4155160	22.24%	5.939%
31	8.610	1098	1100	1108	rVB6	1604	3537	0.02%	0.005%
32	8.683	1110	1112	1114	rBV3	1585	2091	0.01%	0.003%
33	8.842	1128	1138	1150	rVV	1525615	3018741	16.16%	4.315%
34	8.939	1153	1154	1157	rVV3	1973	2122	0.01%	0.003%

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 Title : VOC Analysis

35	8.963	1157	1158	1160	rVV2	1534	1112	0.01%	0.002%
36	8.988	1160	1162	1166	rVV4	878	1502	0.01%	0.002%
37	9.073	1170	1176	1184	rVB6	3946	8655	0.05%	0.012%
38	9.274	1198	1209	1220	rBV	917632	1888328	10.11%	2.699%
39	9.457	1237	1239	1242	rVB4	1044	904	0.00%	0.001%
40	9.659	1266	1272	1280	rVB5	3754	8442	0.05%	0.012%
41	9.847	1299	1303	1306	rBV4	843	1193	0.01%	0.002%
42	10.030	1325	1333	1344	rBV	479443	886522	4.75%	1.267%
43	10.207	1357	1362	1370	rBV2	5771	10872	0.06%	0.016%
44	10.323	1372	1381	1388	rBV	2063536	3628641	19.42%	5.186%
45	10.384	1388	1391	1397	rVB	20334	36290	0.19%	0.052%
46	10.573	1415	1422	1436	rVV	317296	553025	2.96%	0.790%
47	10.707	1436	1444	1450	rVV	24958	46456	0.25%	0.066%
48	10.756	1450	1452	1455	rVB2	1246	934	0.00%	0.001%
49	10.853	1464	1468	1472	rVV4	2018	3053	0.02%	0.004%
50	10.920	1472	1479	1493	rVV	443671	747128	4.00%	1.068%
51	11.061	1497	1502	1513	rVV2	23048	45492	0.24%	0.065%
52	11.177	1519	1521	1523	rVB3	1675	1419	0.01%	0.002%
53	11.439	1559	1564	1570	rVB	8429	13800	0.07%	0.020%
54	11.628	1587	1595	1607	rBV	2063273	3452392	18.48%	4.935%
55	11.731	1608	1612	1616	rVV2	4903	8906	0.05%	0.013%
56	11.835	1622	1629	1638	rVV2	20316	38457	0.21%	0.055%
57	12.103	1671	1673	1674	rBV2	1174	931	0.00%	0.001%
58	12.164	1674	1683	1693	rVV4	26244	50078	0.27%	0.072%
59	12.463	1728	1732	1739	rBV6	2592	3773	0.02%	0.005%
60	12.609	1750	1756	1761	rBV	30177	51602	0.28%	0.074%
61	12.688	1762	1769	1777	rVV	683767	1115934	5.97%	1.595%
62	12.865	1792	1798	1801	rBV	18481	34815	0.19%	0.050%
63	12.938	1805	1810	1816	rVB2	78535	141807	0.76%	0.203%
64	13.030	1823	1825	1828	rVB4	1747	1866	0.01%	0.003%
65	13.109	1831	1838	1845	rVV5	17788	42624	0.23%	0.061%
66	13.249	1854	1861	1866	rBV	145058	233347	1.25%	0.334%
67	13.298	1866	1869	1873	rVB3	18530	25614	0.14%	0.037%
68	13.347	1873	1877	1882	rBV6	4080	7588	0.04%	0.011%
69	13.402	1882	1886	1888	rBV4	4437	4995	0.03%	0.007%
70	13.475	1888	1898	1904	rBV	88353	175784	0.94%	0.251%
71	13.554	1905	1911	1920	rBV	2066854	3472531	18.59%	4.963%

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72	13.627	1920	1923	1931	rVB4	34685	65825	0.35%	0.094%
73	13.719	1933	1938	1939	rBV4	11627	16661	0.09%	0.024%
74	13.755	1939	1944	1947	rBV2	58346	97788	0.52%	0.140%
75	13.786	1947	1949	1953	rVB2	48933	60982	0.33%	0.087%
76	13.853	1953	1960	1968	rVB	1709491	2916088	15.61%	4.168%
77	13.938	1968	1974	1981	rVB	760009	1228090	6.57%	1.755%
78	14.011	1981	1986	1988	rBV	33679	56665	0.30%	0.081%
79	14.097	1997	2000	2005	rVB	70288	99985	0.54%	0.143%
80	14.206	2013	2018	2029	rVB4	34026	79298	0.42%	0.113%
81	14.334	2033	2039	2043	rBV4	43122	86961	0.47%	0.124%
82	14.389	2043	2048	2051	rBV	142710	250118	1.34%	0.357%
83	14.487	2055	2064	2071	rVB2	366647	885651	4.74%	1.266%
84	14.639	2086	2089	2092	rBV4	15427	19320	0.10%	0.028%
85	14.688	2092	2097	2099	rVV2	104208	154332	0.83%	0.221%
86	14.725	2099	2103	2108	rVB2	136984	213450	1.14%	0.305%
87	14.792	2108	2114	2121	rBV3	240265	527055	2.82%	0.753%
88	14.871	2122	2127	2134	rVV	419121	698162	3.74%	0.998%
89	14.950	2134	2140	2149	rVB	501135	843277	4.51%	1.205%
90	15.060	2154	2158	2170	rVB2	84361	202028	1.08%	0.289%
91	15.176	2172	2177	2183	rVB3	55597	116498	0.62%	0.167%
92	15.286	2190	2195	2198	rBV	141032	274712	1.47%	0.393%
93	15.365	2201	2208	2216	rVB	10356757	18681886	100.00%	26.702%
94	15.462	2216	2224	2232	rBV2	408135	978134	5.24%	1.398%
95	15.651	2251	2255	2260	rBV2	39411	80102	0.43%	0.114%
96	15.968	2300	2307	2311	rBV3	68237	181883	0.97%	0.260%
97	16.377	2365	2374	2377	rBV2	83197	223123	1.19%	0.319%
98	16.438	2377	2384	2398	rVB	3606274	7552131	40.42%	10.794%
99	16.566	2399	2405	2410	rVV2	91936	205121	1.10%	0.293%
100	16.639	2410	2417	2430	rVB	1941118	4315345	23.10%	6.168%

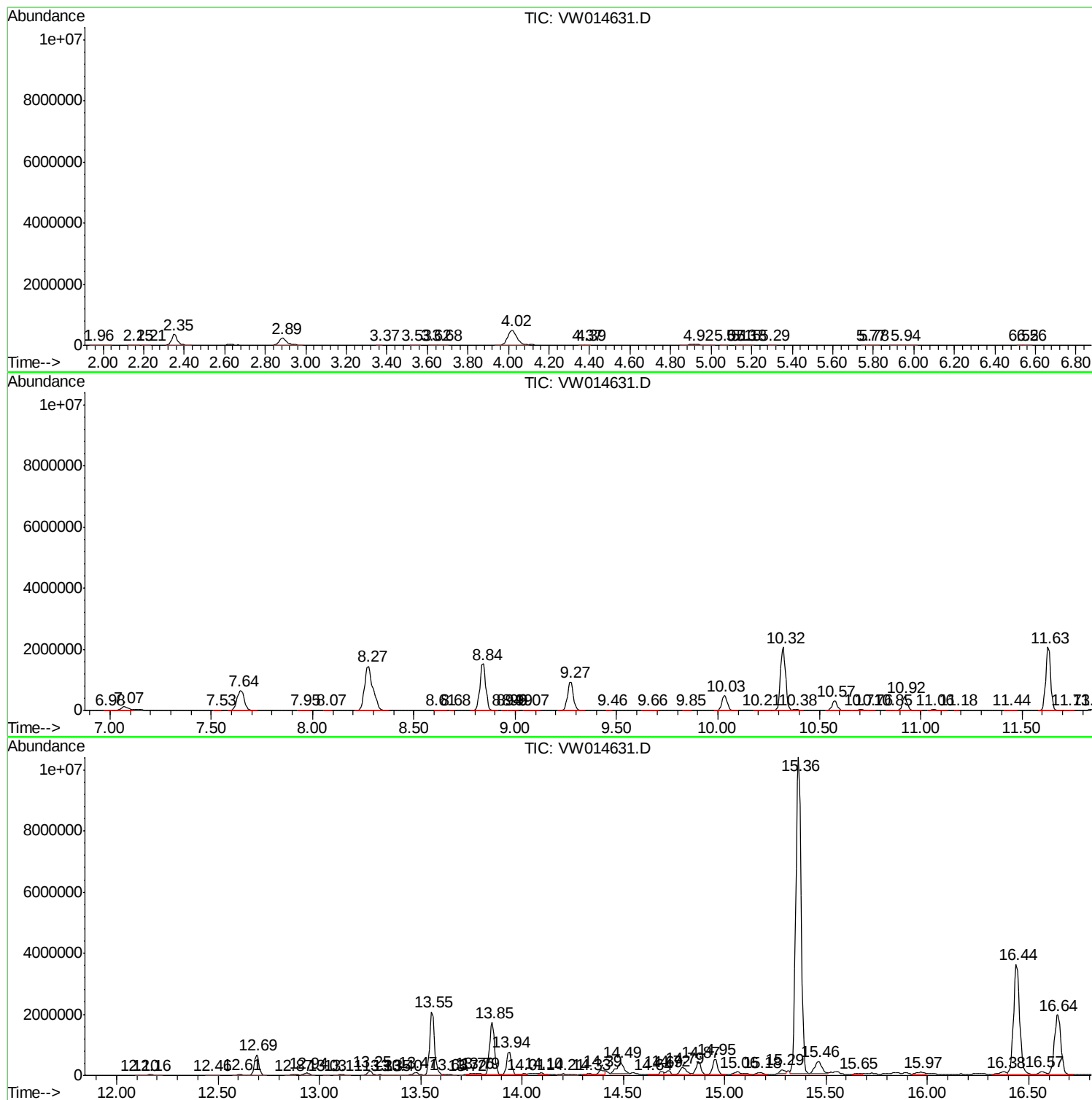
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

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



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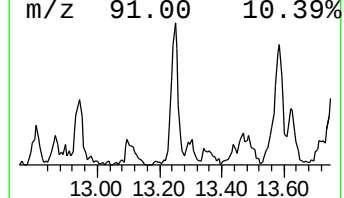
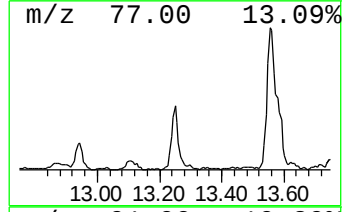
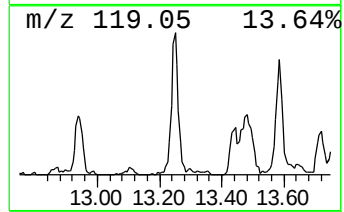
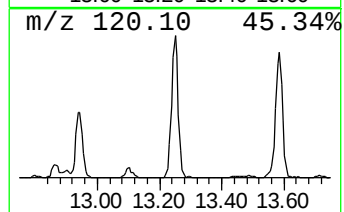
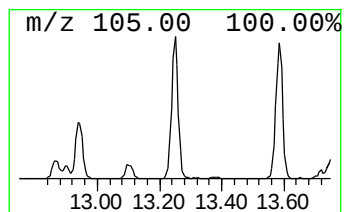
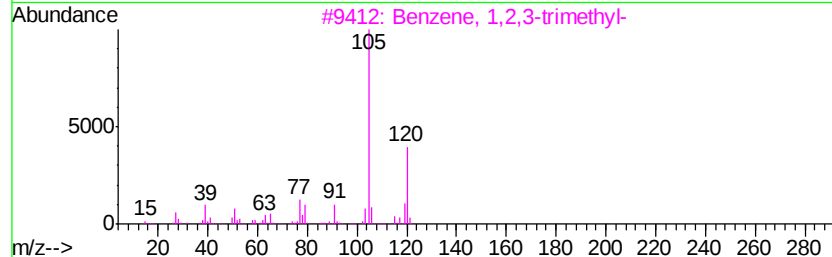
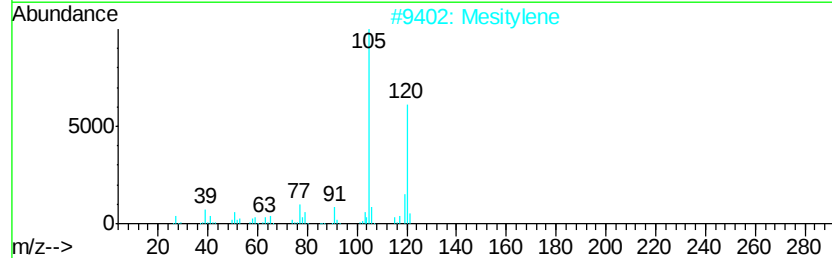
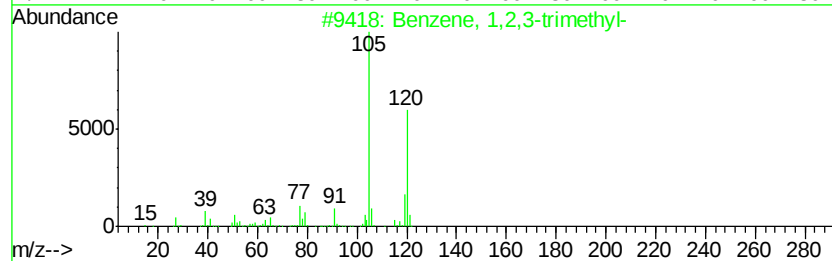
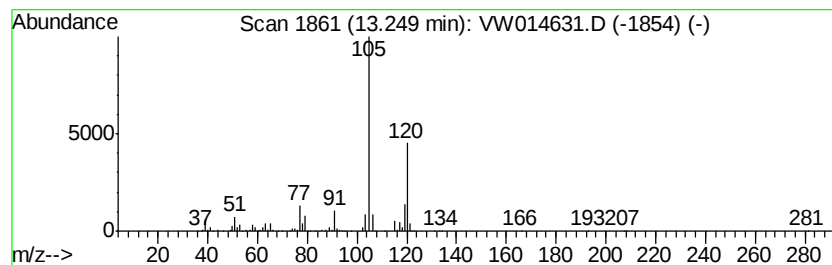
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

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

Peak Number 2 Benzene, 1,2,3-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	1.68 ug/L	233347	1,4-Dichlorobenzene-d4	13.55

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



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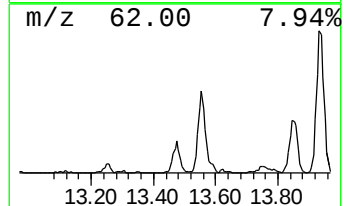
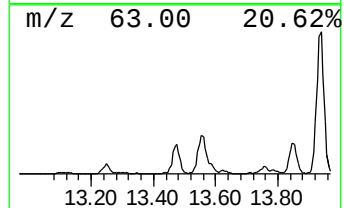
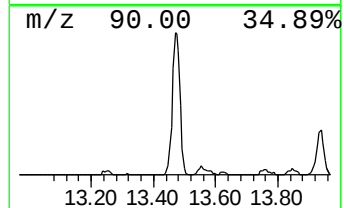
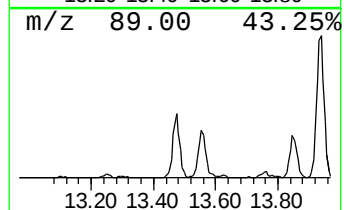
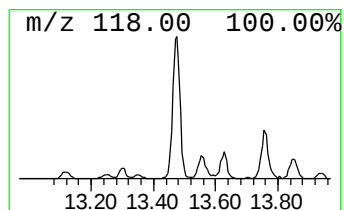
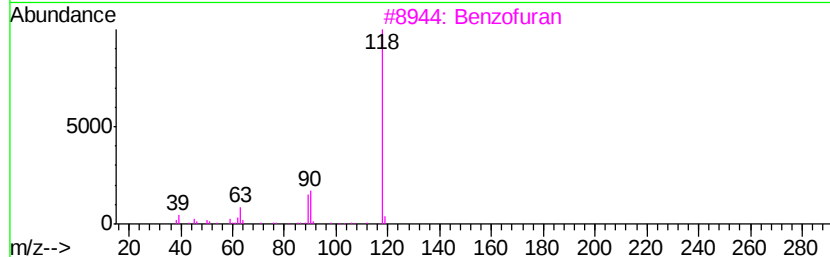
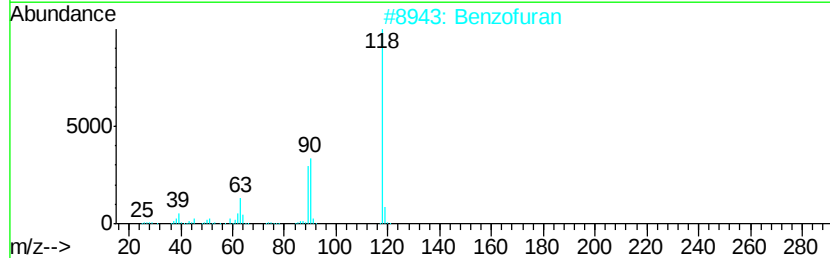
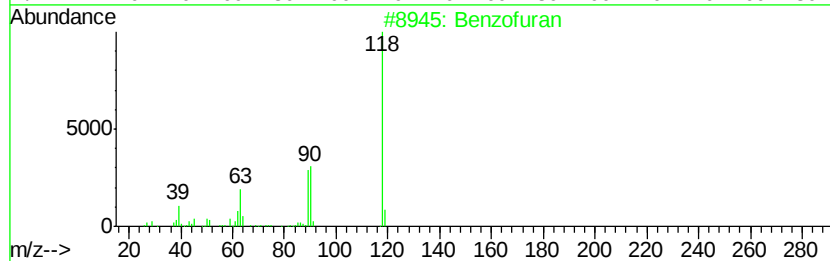
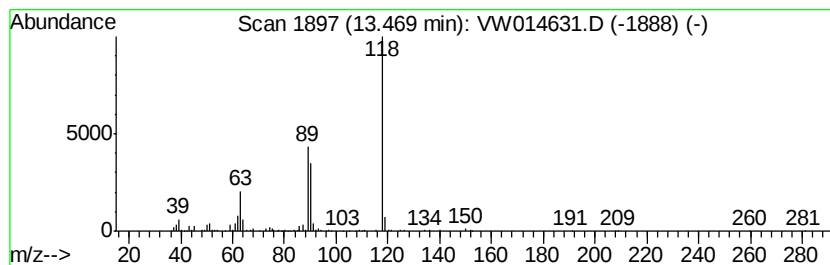
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Quant Title : VOC Analysis

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

Peak Number 3 Benzofuran Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	1.27 ug/L	175784	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzofuran	118	C8H6O	000271-89-6	90
2		Benzofuran	118	C8H6O	000271-89-6	87
3		Benzofuran	118	C8H6O	000271-89-6	83
4		3-Hydroxyphenylacetylene	118	C8H6O	010401-11-3	78
5		2H-Cyclopenta[d]pyridazine	118	C7H6N2	000270-64-4	59



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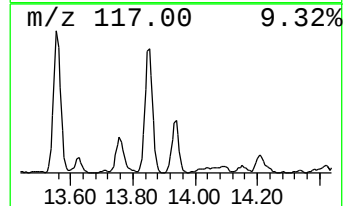
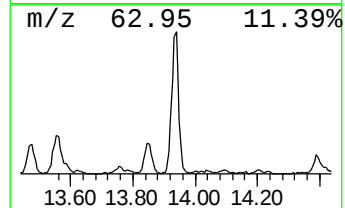
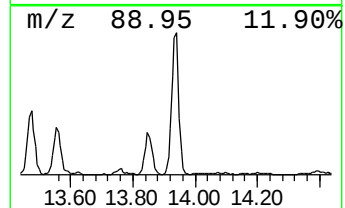
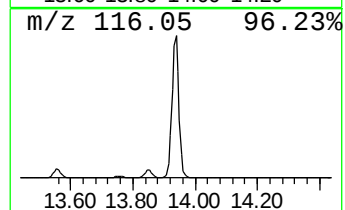
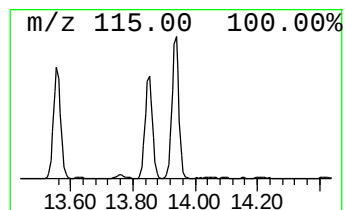
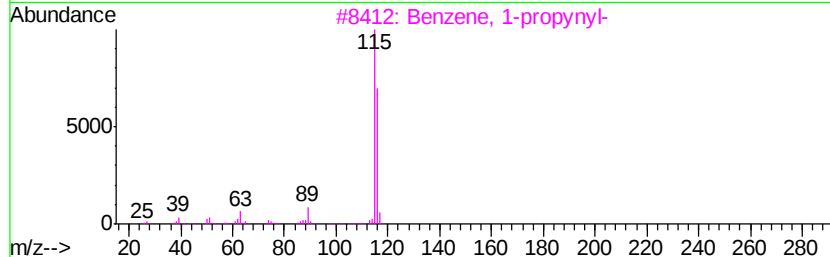
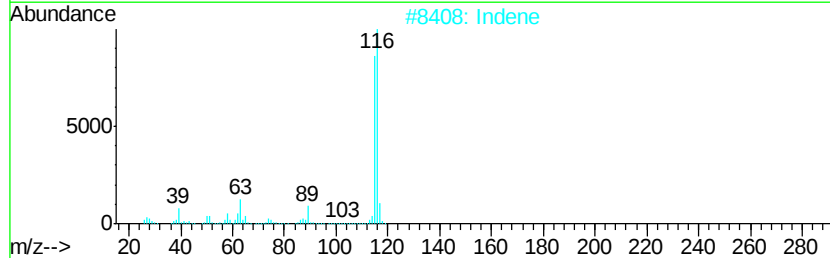
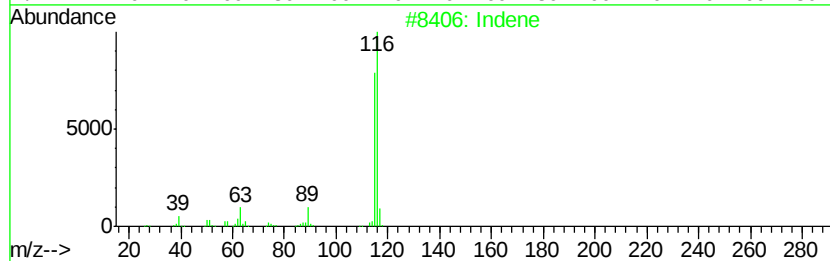
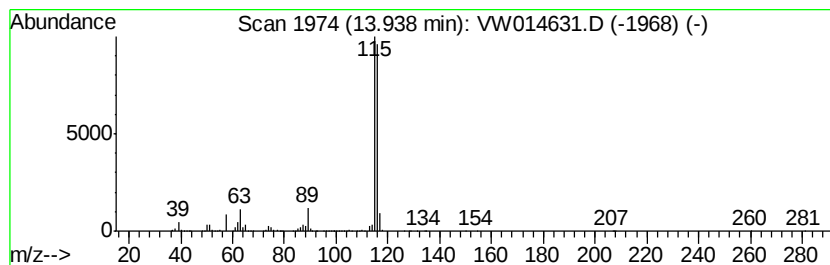
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Peak Number 4 Indene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	8.84 ug/L	1228090	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	95
3		Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
4		Indene	116	C9H8	000095-13-6	94
5		3-Methylphenylacetylene	116	C9H8	000766-82-5	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011420\
Data File : VW014631.D
Acq On : 14 Jan 2020 14:22
Operator : SY/VA
Sample : L1109-12
Misc : 5.01G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GASH1

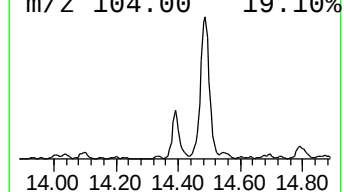
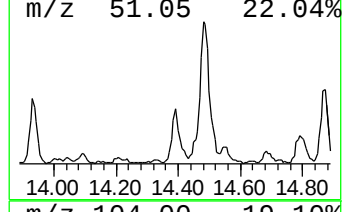
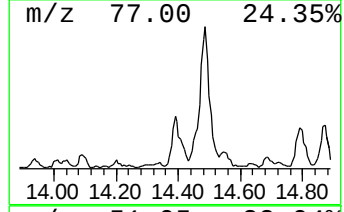
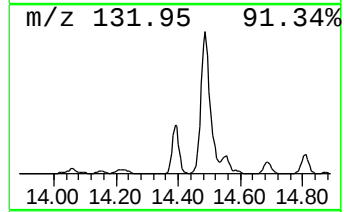
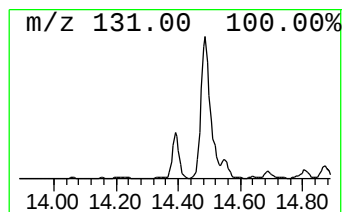
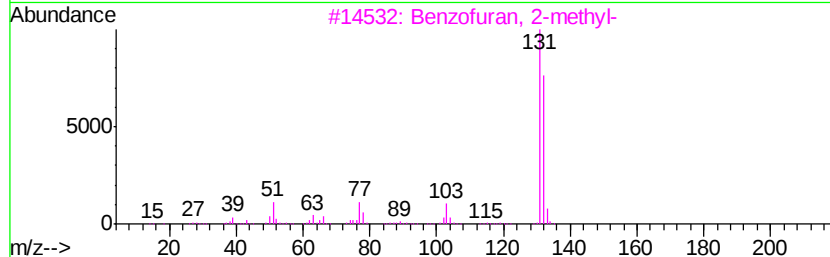
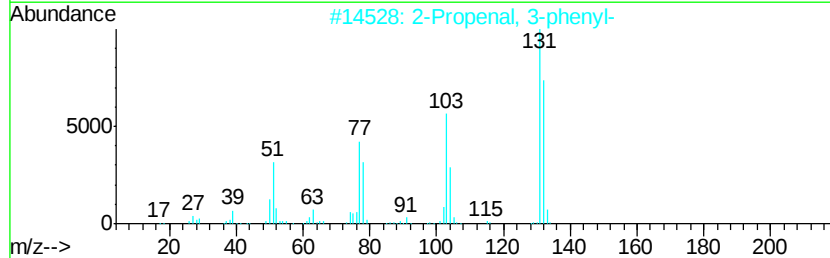
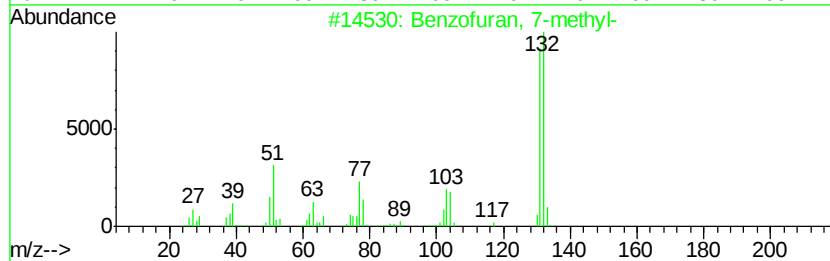
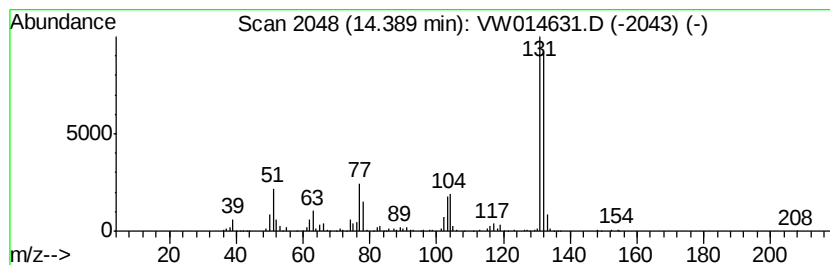
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Quant Title : VOC Analysis

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

Peak Number 5 Benzofuran, 7-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.39	1.80 ug/L	250118	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	94
2		2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	94
3		Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	93
4		Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	93
5		Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	93



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011420\
Data File : VW014631.D
Acq On : 14 Jan 2020 14:22
Operator : SY/VA
Sample : L1109-12
Misc : 5.01G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GASH1

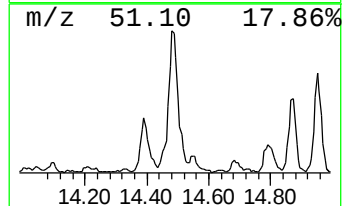
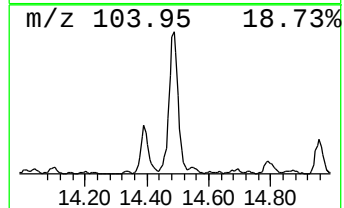
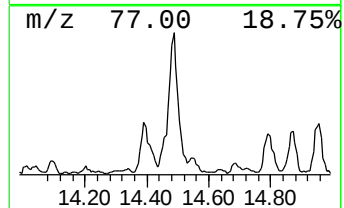
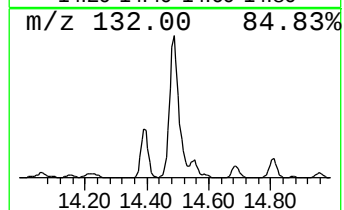
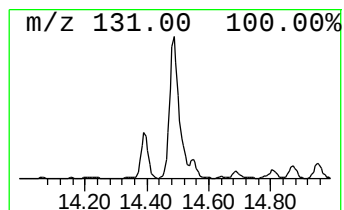
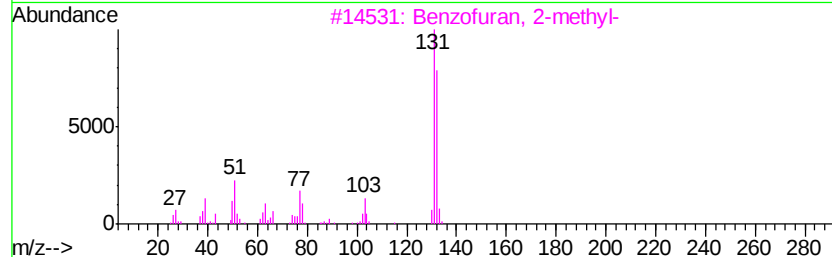
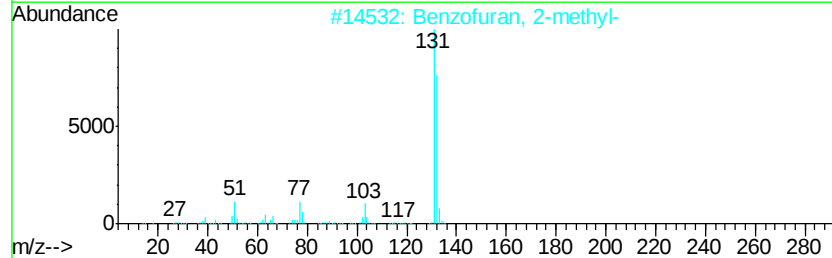
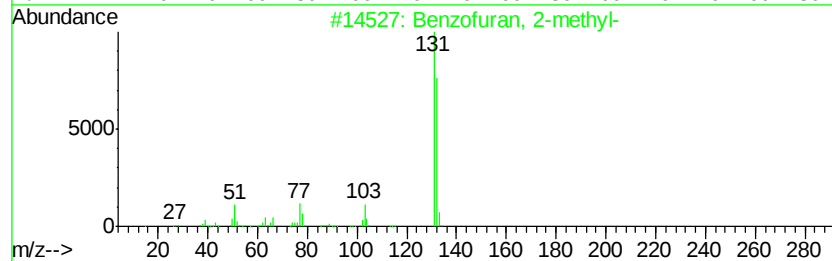
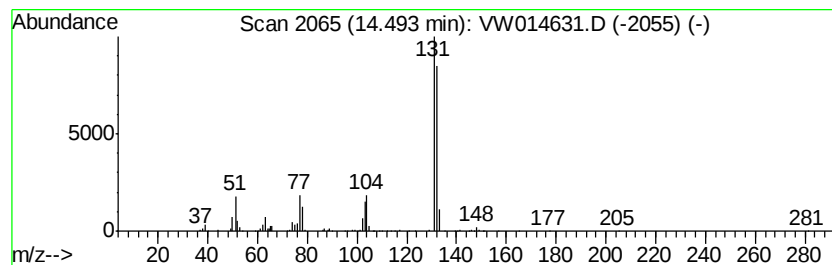
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Quant Title : VOC Analysis

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

Peak Number 6 Benzofuran, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.49	6.38 ug/L	885651	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
2		Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
3		Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
4		Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	90
5		3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011420\
Data File : VW014631.D
Acq On : 14 Jan 2020 14:22
Operator : SY/VA
Sample : L1109-12
Misc : 5.01G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GASH1

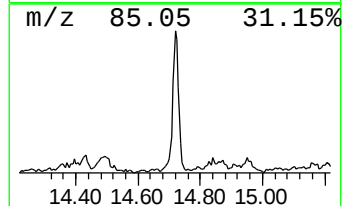
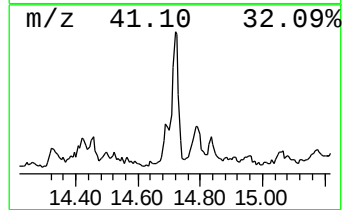
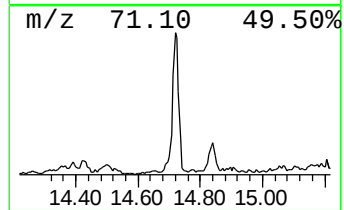
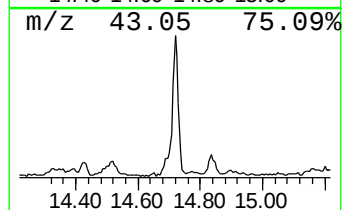
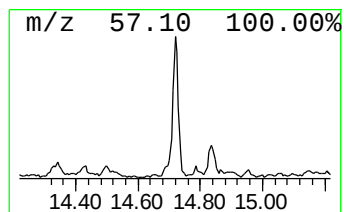
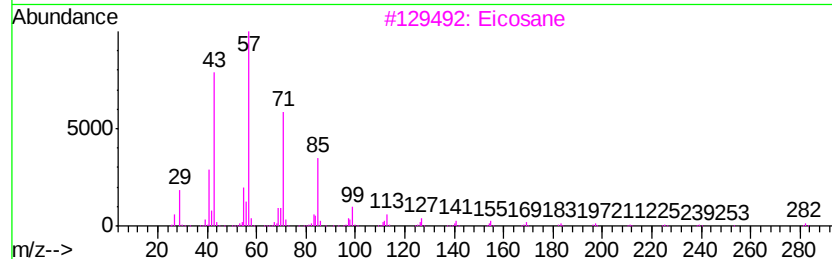
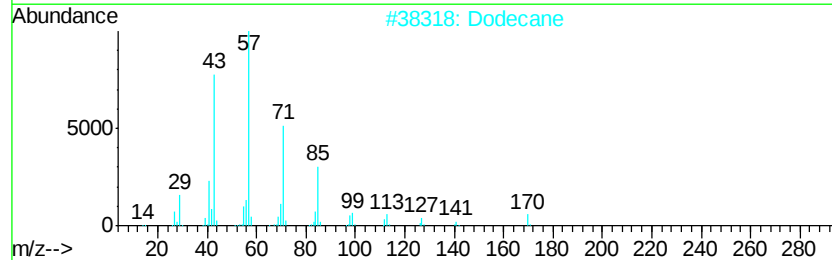
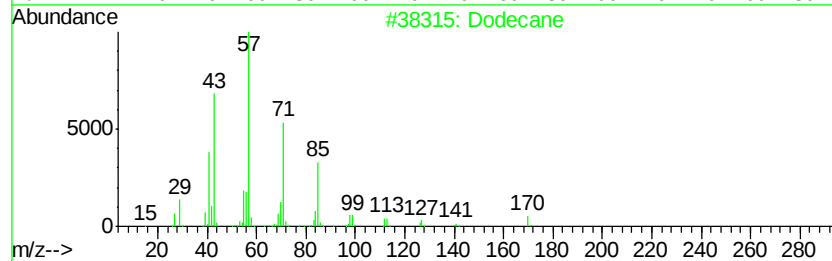
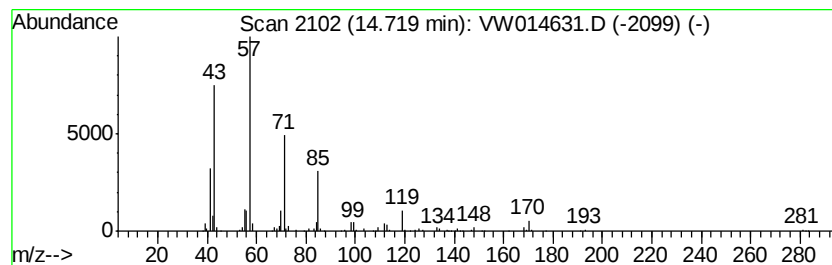
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Quant Title : VOC Analysis

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.72	1.54 ug/L	213450	1,4-Dichlorobenzene-d4	13.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane	170	C12H26	000112-40-3	95
2			Dodecane	170	C12H26	000112-40-3	64
3			Eicosane	282	C20H42	000112-95-8	53
4			Tetradecane	198	C14H30	000629-59-4	52
5			Tetradecane	198	C14H30	000629-59-4	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011420\
Data File : VW014631.D
Acq On : 14 Jan 2020 14:22
Operator : SY/VA
Sample : L1109-12
Misc : 5.01G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GASH1

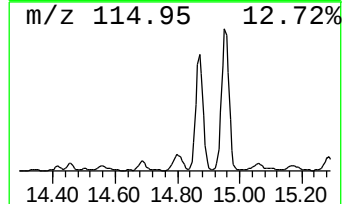
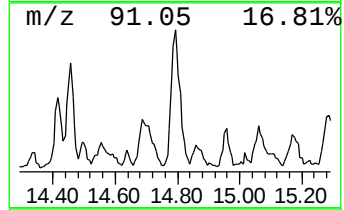
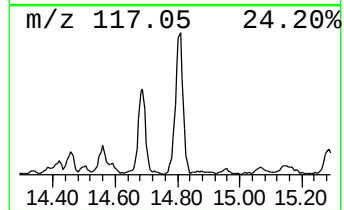
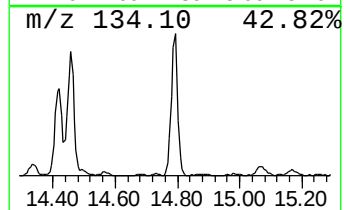
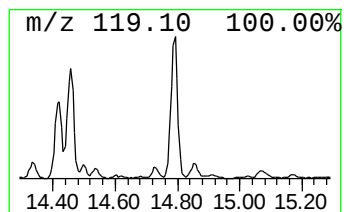
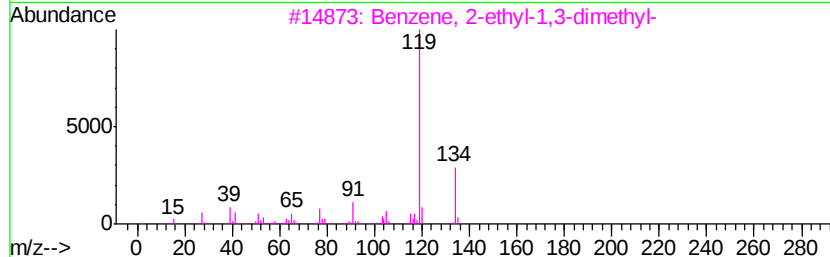
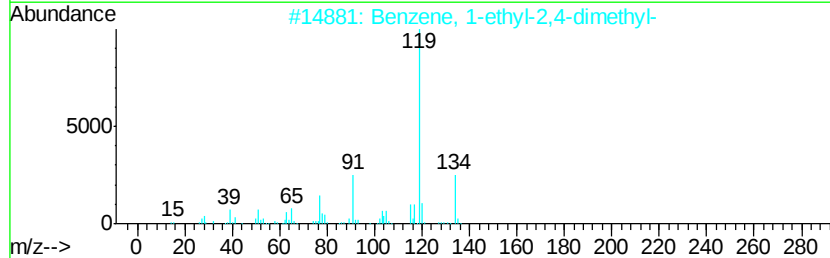
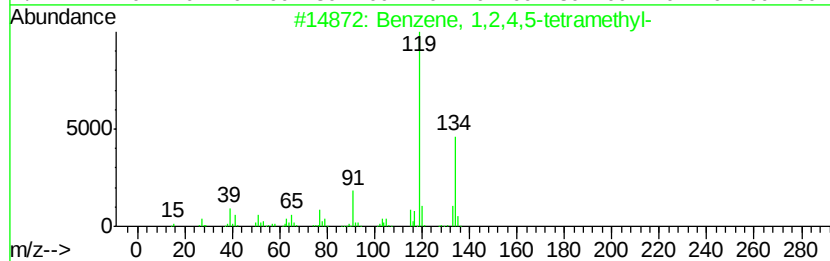
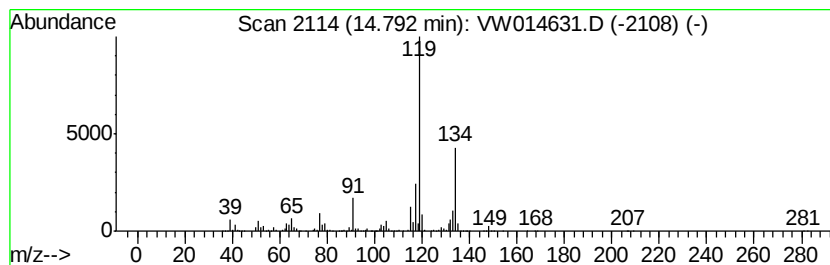
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Quant Title : VOC Analysis

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

Peak Number 8 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	3.79 ug/L	527055	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	94
2		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93
3		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	93
4		1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	87
5		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011420\
Data File : VW014631.D
Acq On : 14 Jan 2020 14:22
Operator : SY/VA
Sample : L1109-12
Misc : 5.01G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GASH1

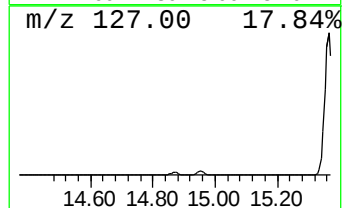
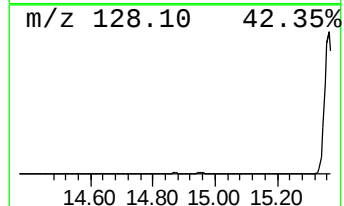
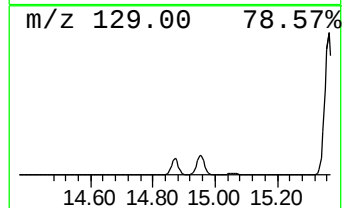
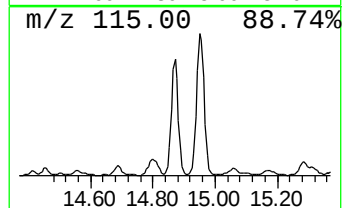
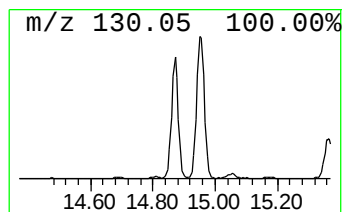
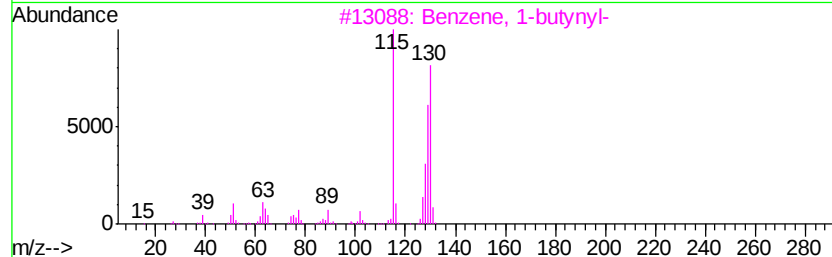
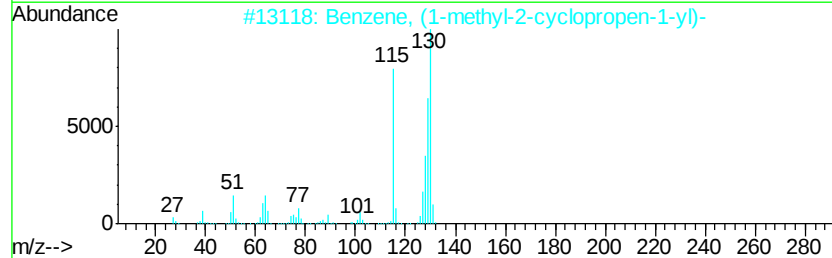
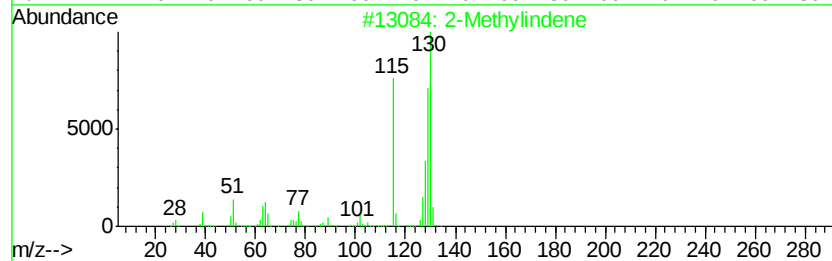
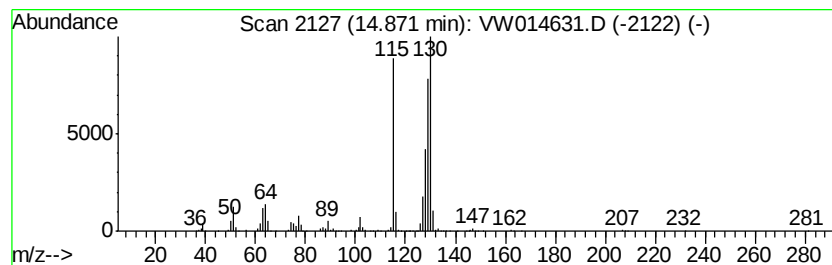
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Quant Title : VOC Analysis

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

Peak Number 9 2-Methylindene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	5.03 ug/L	698162	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	97
3		Benzene, 1-butynyl-	130	C10H10	000622-76-4	95
4		Benzene, 1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	94
5		2-Methylindene	130	C10H10	002177-47-1	93



Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011420\
Data File : VW014631.D
Acq On : 14 Jan 2020 14:22
Operator : SY/VA
Sample : L1109-12
Misc : 5.01G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GASH1

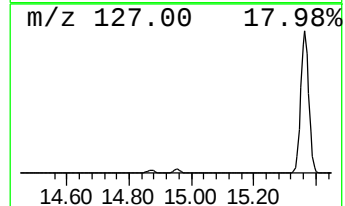
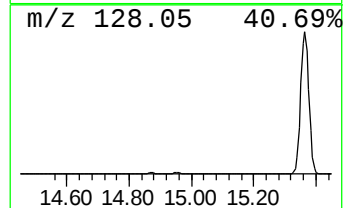
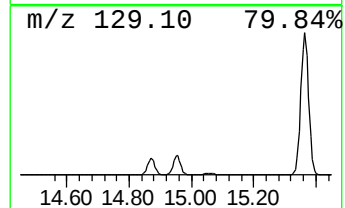
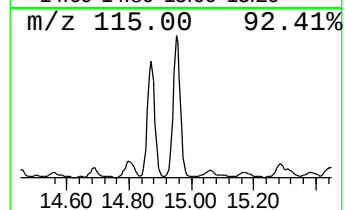
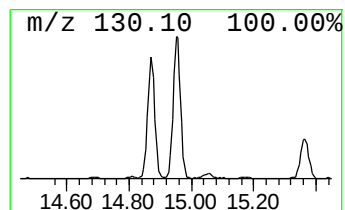
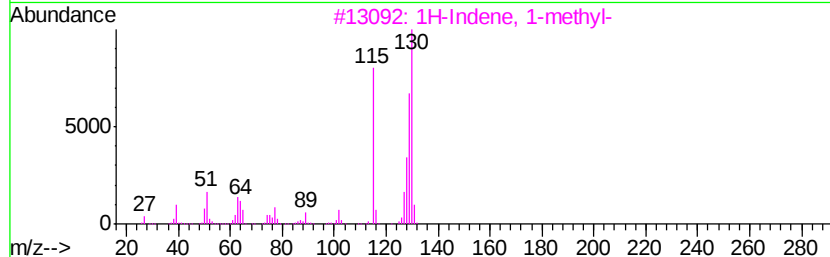
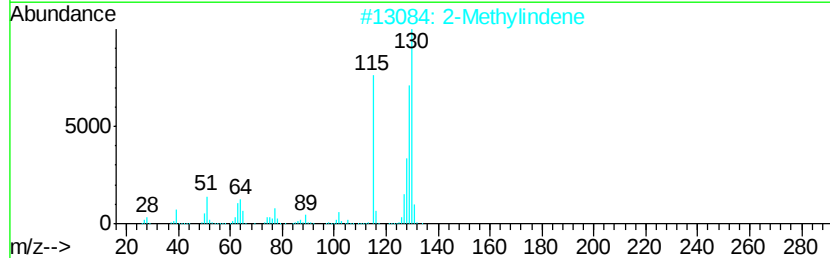
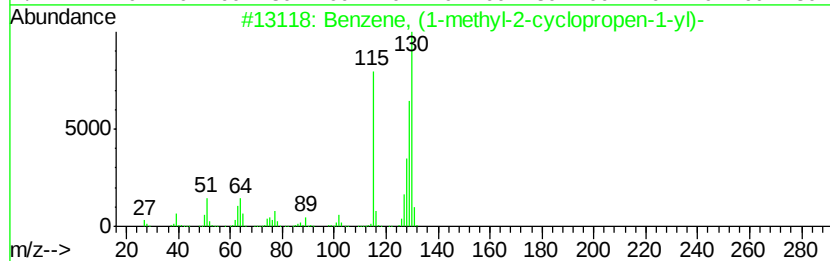
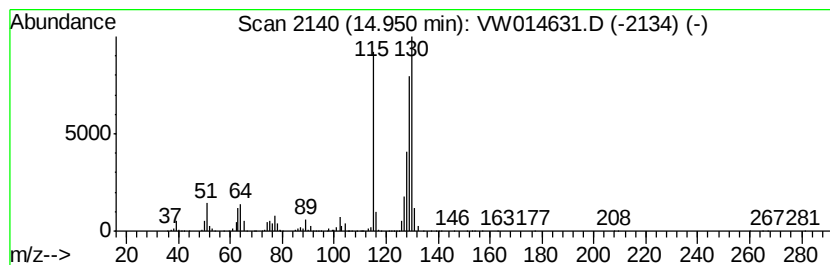
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Quant Title : VOC Analysis

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

Peak Number 10 Benzene, (1-methyl-2-cyclop... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.95	6.07 ug/L	843277	1,4-Dichlorobenzene-d4	13.55

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011420\
Data File : VW014631.D
Acq On : 14 Jan 2020 14:22
Operator : SY/VA
Sample : L1109-12
Misc : 5.01G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GASH1

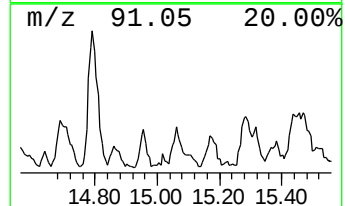
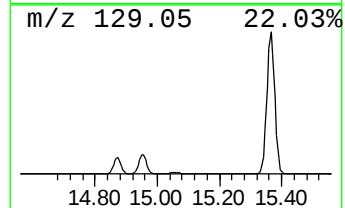
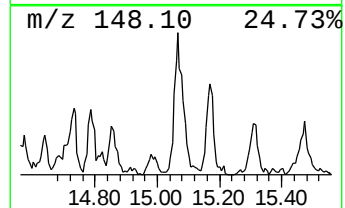
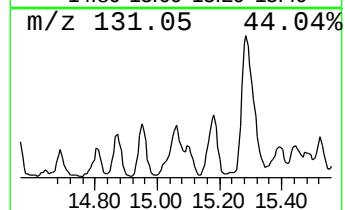
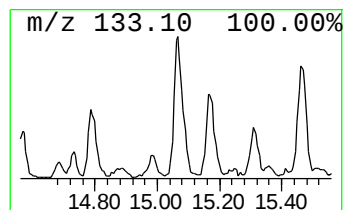
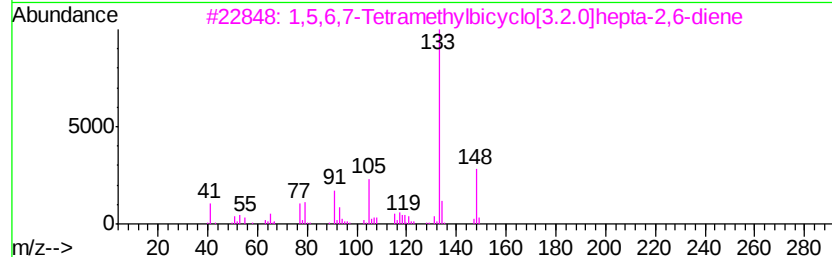
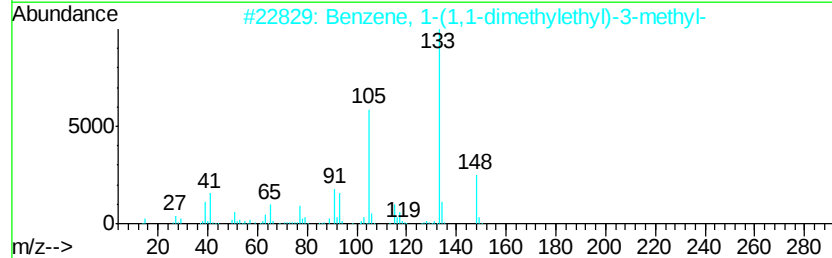
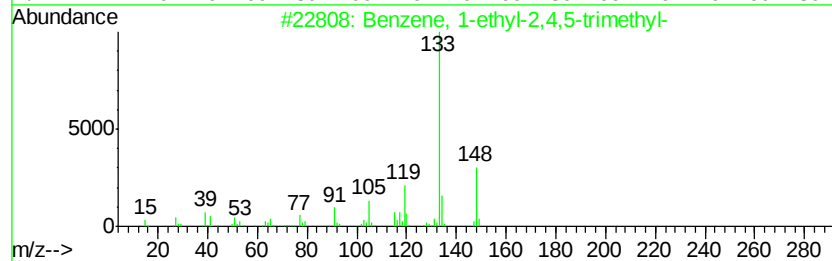
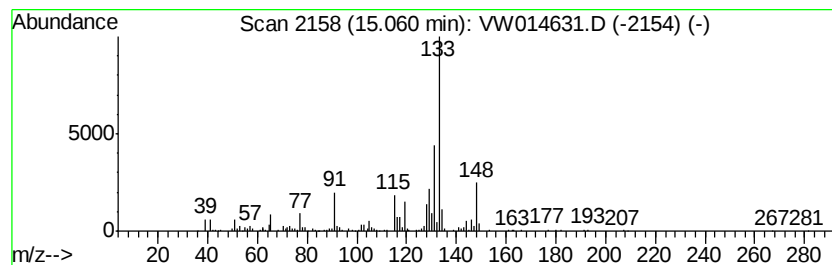
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Quant Title : VOC Analysis

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

Peak Number 11 unknown-01 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.06	1.45 ug/L	202028	1,4-Dichlorobenzene-d4	13.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	49
2			Benzene, 1-(1,1-dimethylethyl)-3...	148	C11H16	001075-38-3	49
3			1,5,6,7-Tetramethylbicyclo[3.2.0]hepta-2,6-diene	148	C11H16	134329-46-7	49
4			4-tert-Butyltoluene	148	C11H16	000098-51-1	49
5			Benzene, 1,3-dimethyl-5-(1-methyl...	148	C11H16	004706-90-5	47



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011420\
Data File : VW014631.D
Acq On : 14 Jan 2020 14:22
Operator : SY/VA
Sample : L1109-12
Misc : 5.01G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GASH1

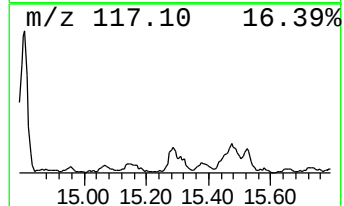
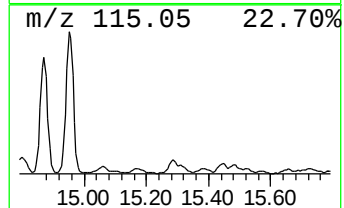
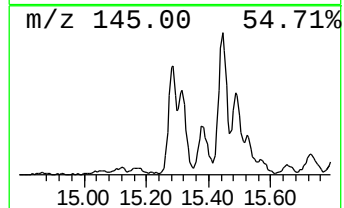
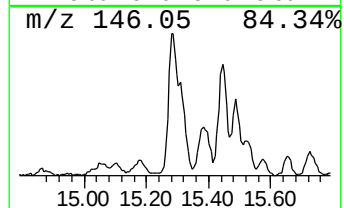
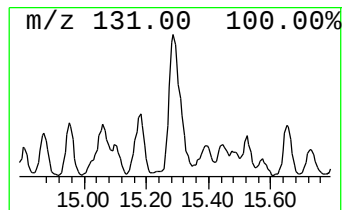
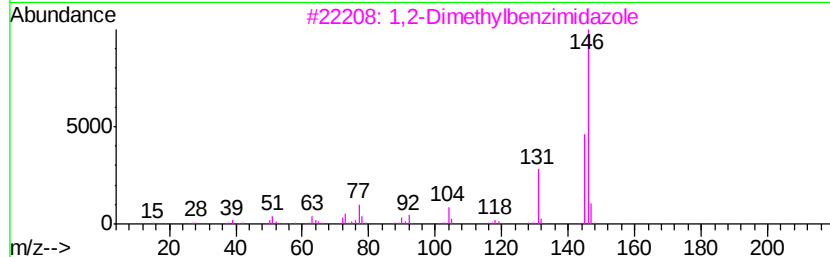
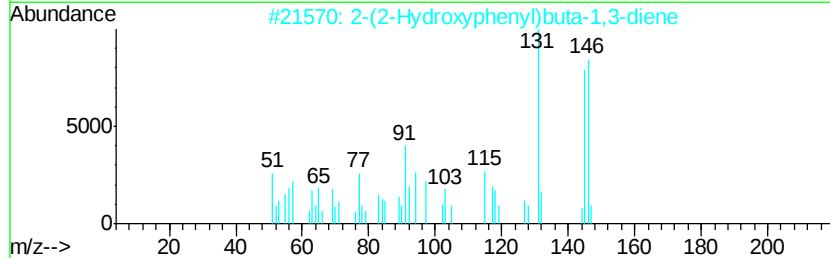
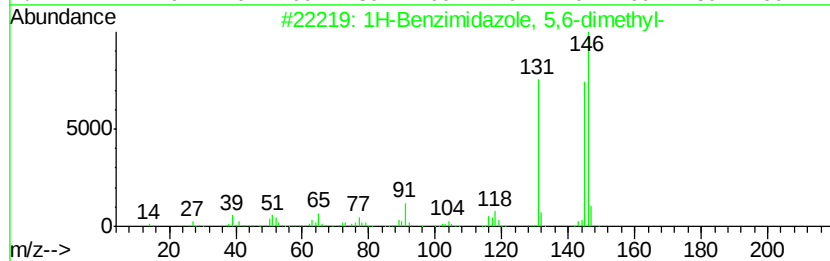
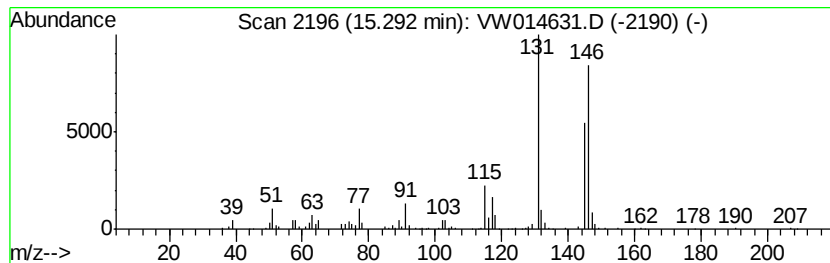
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Quant Title : VOC Analysis

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

Peak Number 12 1H-Benzimidazole, 5,6-dimet... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.29	1.98 ug/L	274712	1,4-Dichlorobenzene-d4	13.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	90
2			2-(2-Hydroxyphenyl)buta-1,3-diene	146	C10H10O	038865-47-3	86
3			1,2-Dimethylbenzimidazole	146	C9H10N2	002876-08-6	72
4			1-Methylindan-2-one	146	C10H10O	035587-60-1	72
5			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011420\
Data File : VW014631.D
Acq On : 14 Jan 2020 14:22
Operator : SY/VA
Sample : L1109-12
Misc : 5.01G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GASH1

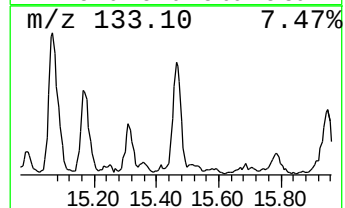
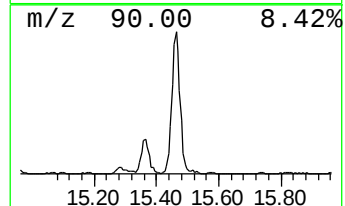
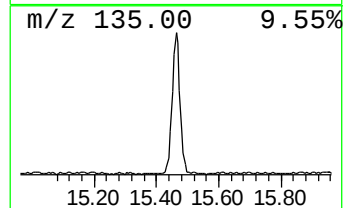
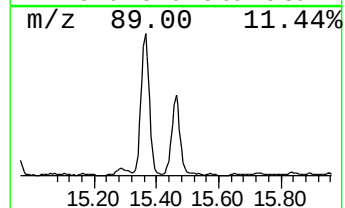
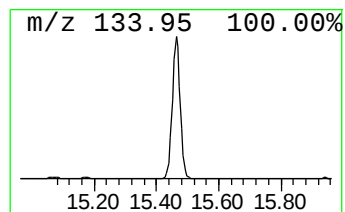
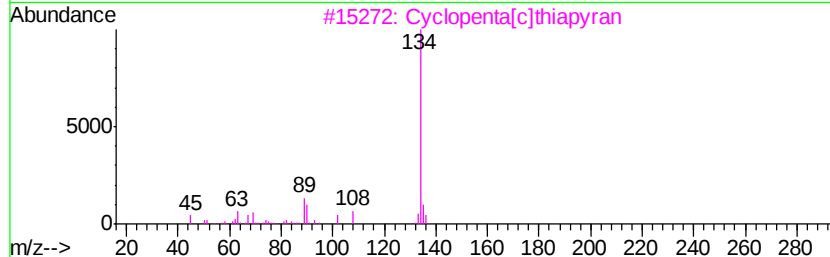
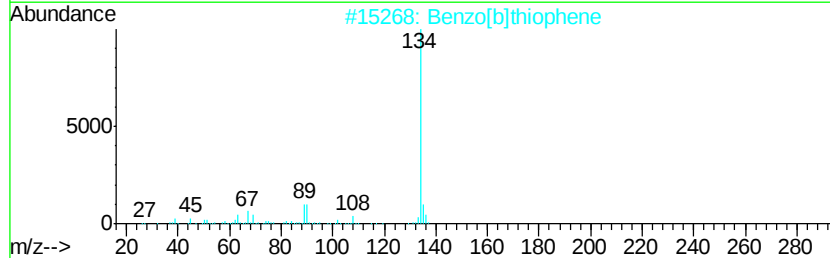
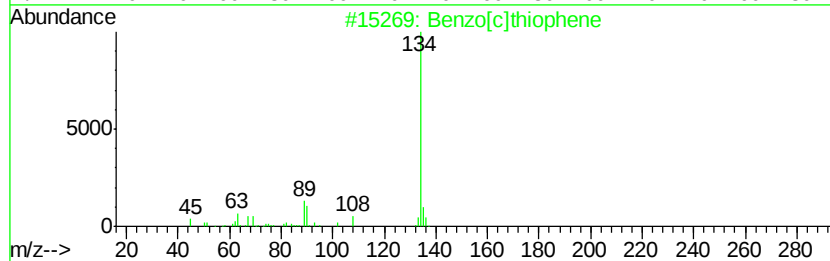
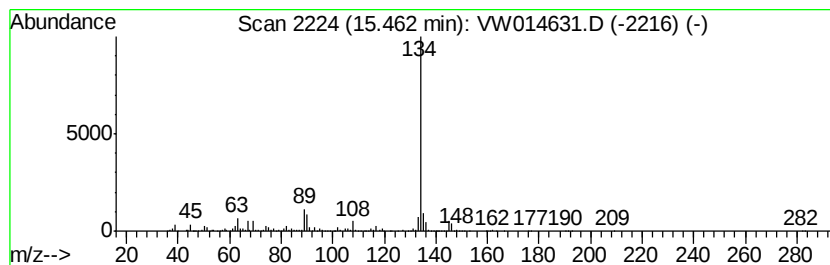
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Quant Title : VOC Analysis

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

Peak Number 14 Benzo[c]thiophene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.46	7.04 ug/L	978134	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[c]thiophene	134	C8H6S	000270-82-6	95
2		Benzo[b]thiophene	134	C8H6S	000095-15-8	93
3		Cyclopenta[c]thiopyran	134	C8H6S	000270-63-3	93
4		Benzo[b]thiophene	134	C8H6S	000095-15-8	91
5		Benzo[b]thiophene	134	C8H6S	000095-15-8	87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011420\
Data File : VW014631.D
Acq On : 14 Jan 2020 14:22
Operator : SY/VA
Sample : L1109-12
Misc : 5.01G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GASH1

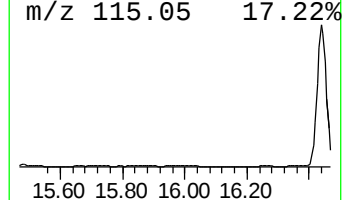
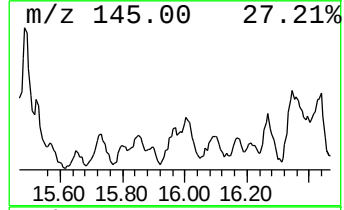
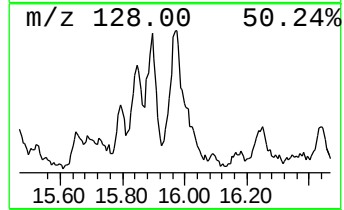
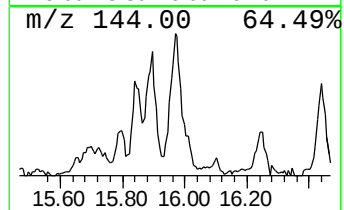
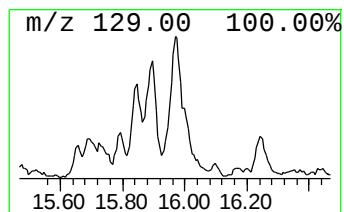
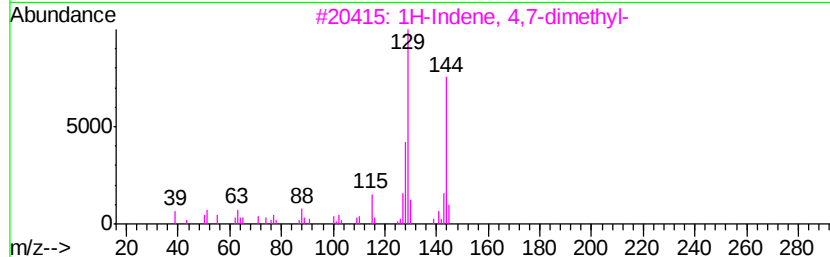
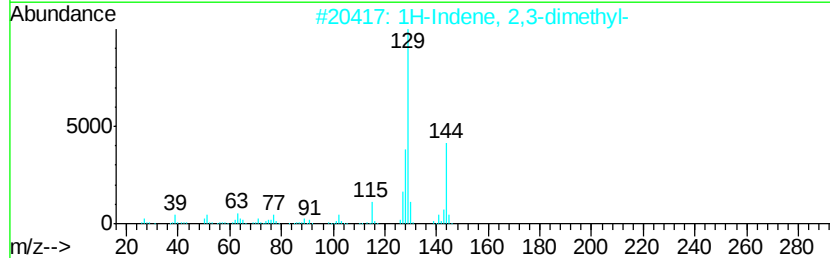
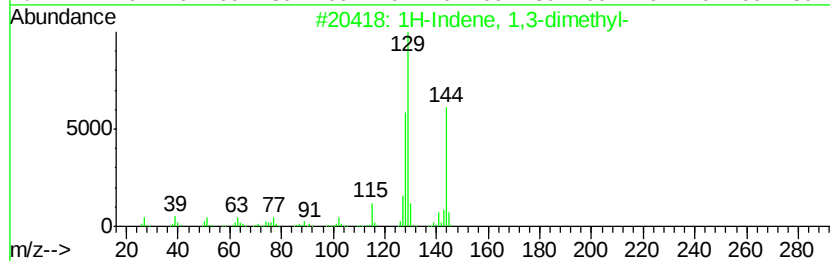
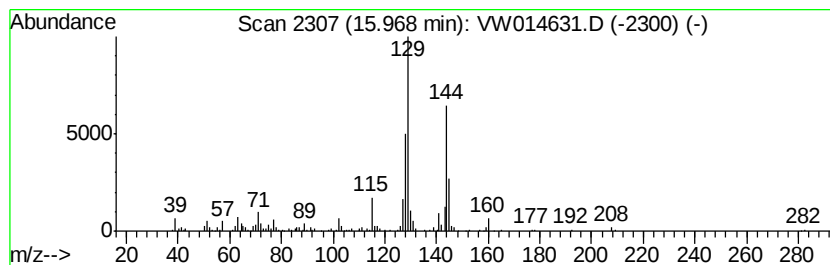
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Quant Title : VOC Analysis

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

Peak Number 15 1H-Indene, 1,3-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.97	1.31 ug/L	181883	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	95
2			1H-Indene, 2,3-dimethyl-	144	C11H12	004773-82-4	93
3			1H-Indene, 4,7-dimethyl-	144	C11H12	006974-97-6	93
4			Naphthalene, 1,2-dihydro-6-methyl-	144	C11H12	002717-47-7	90
5			1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	87



Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011420\
Data File : VW014631.D
Acq On : 14 Jan 2020 14:22
Operator : SY/VA
Sample : L1109-12
Misc : 5.01G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GASH1

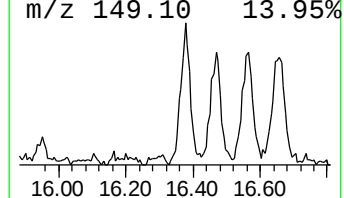
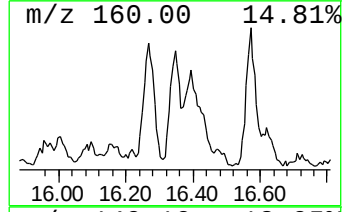
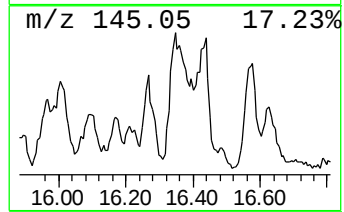
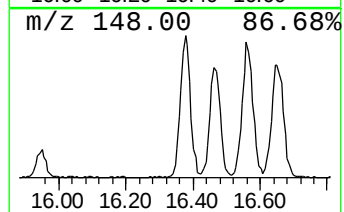
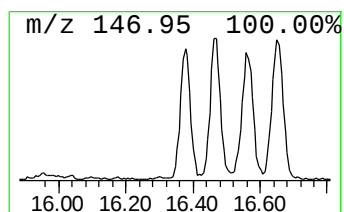
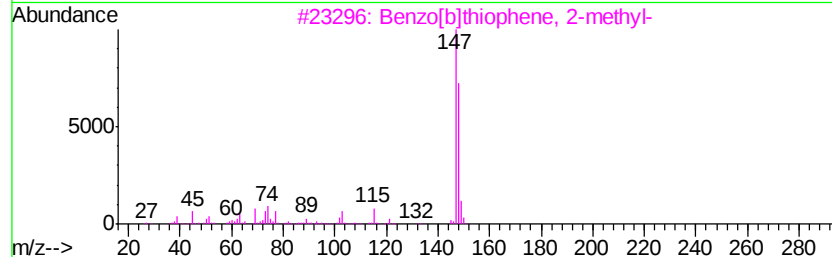
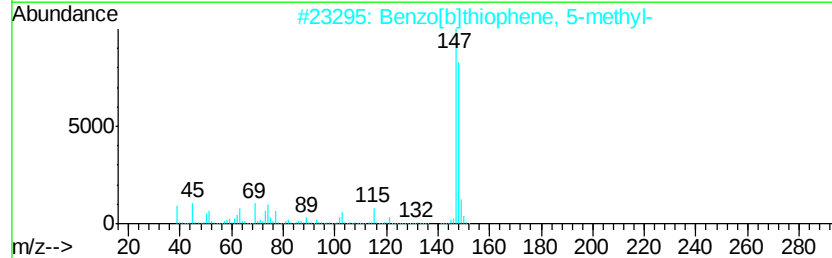
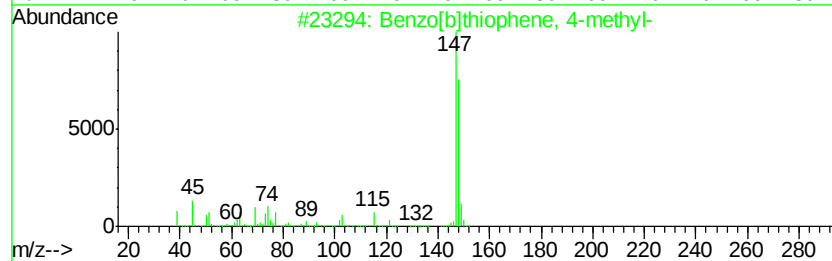
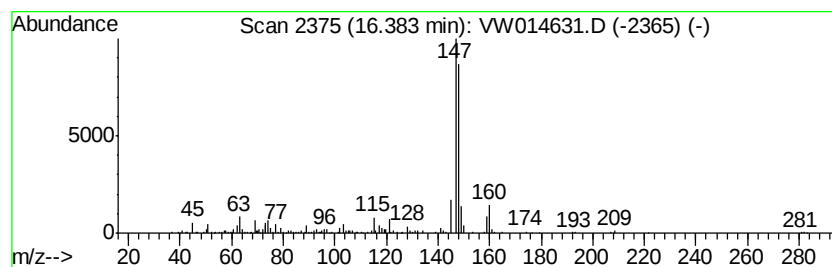
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Quant Title : VOC Analysis

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

Peak Number 16 Benzo[b]thiophene, 4-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.38	1.61 ug/L	223123	1,4-Dichlorobenzene-d4	13.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	81
2			Benzo[b]thiophene, 5-methyl-	148	C9H8S	014315-14-1	81
3			Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	72
4			3-Methylbenzothiophene	148	C9H8S	001455-18-1	70
5			Benzo[b]thiophene, 6-methyl-	148	C9H8S	016587-47-6	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011420\
Data File : VW014631.D
Acq On : 14 Jan 2020 14:22
Operator : SY/VA
Sample : L1109-12
Misc : 5.01G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GASH1

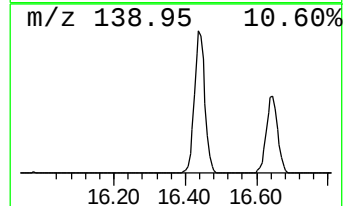
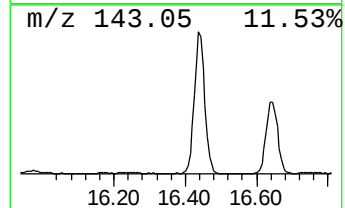
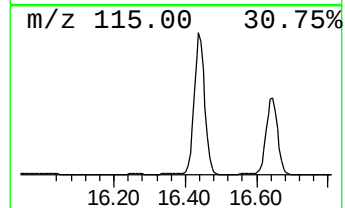
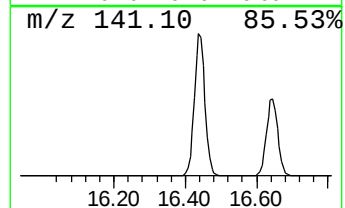
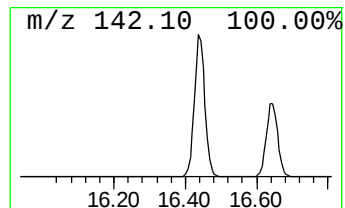
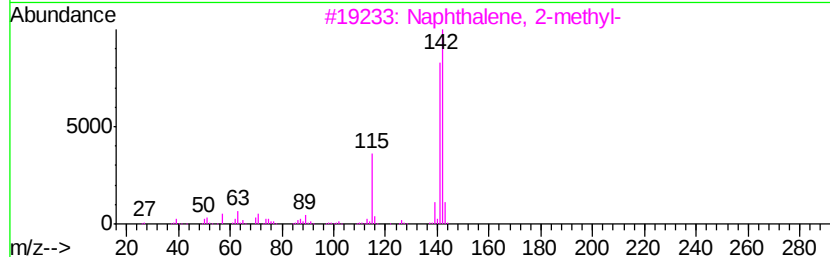
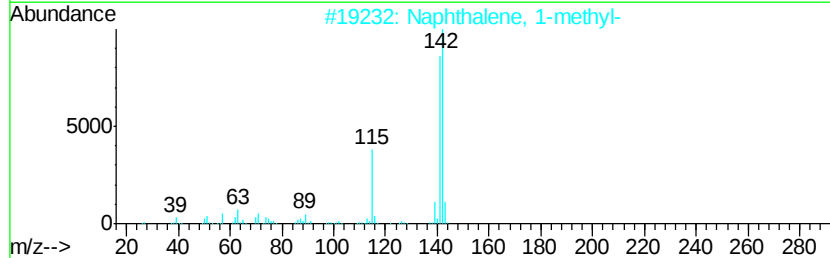
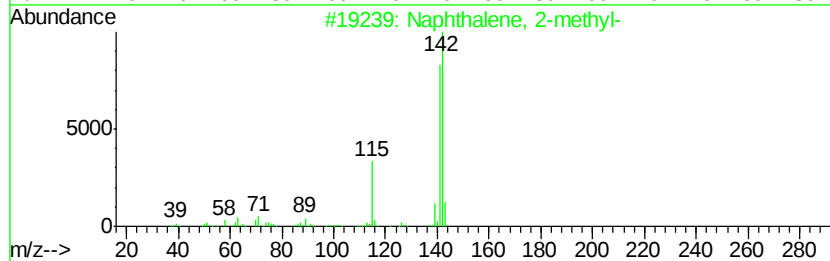
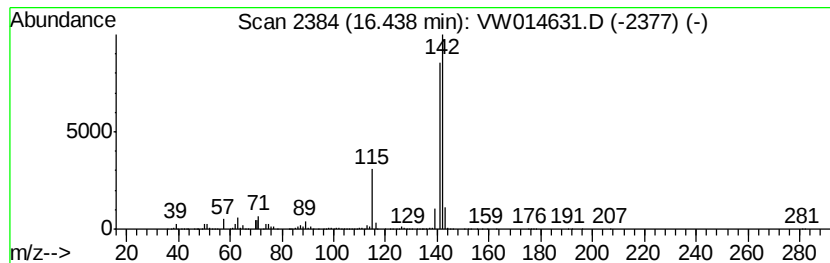
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Quant Title : VOC Analysis

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

Peak Number 17 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.44	54.37 ug/L	7552130	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, 1-methyl-	142	C11H10	000090-12-0	94
5		Benzocycloheptatriene	142	C11H10	000264-09-5	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011420\
Data File : VW014631.D
Acq On : 14 Jan 2020 14:22
Operator : SY/VA
Sample : L1109-12
Misc : 5.01G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GASH1

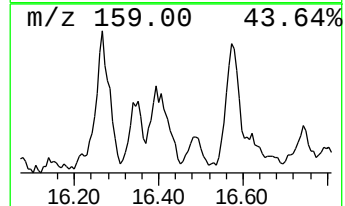
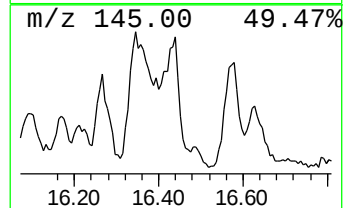
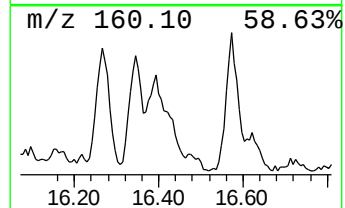
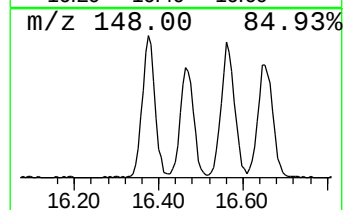
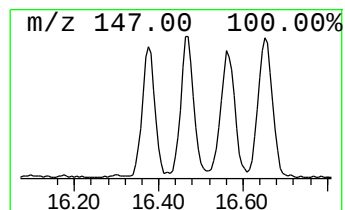
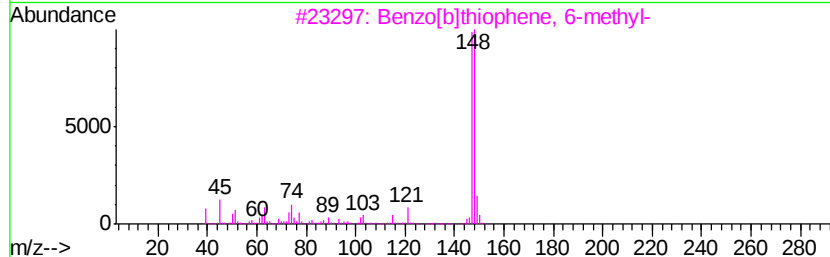
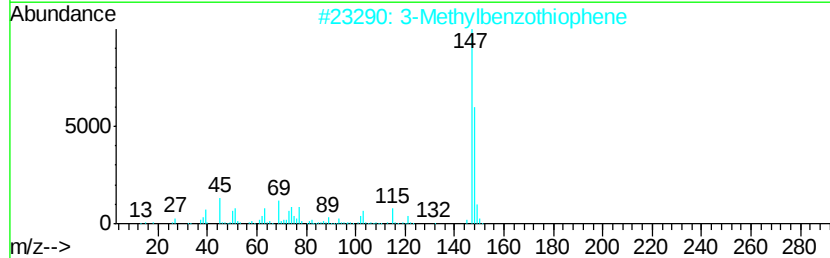
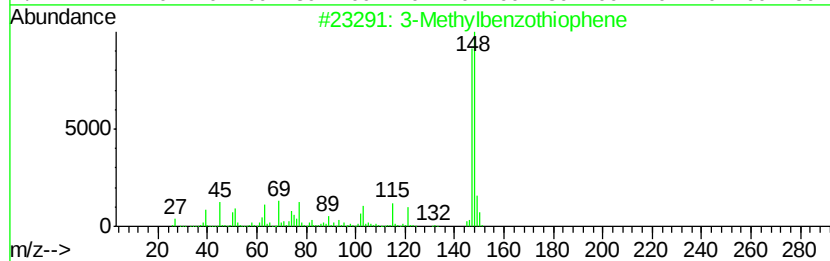
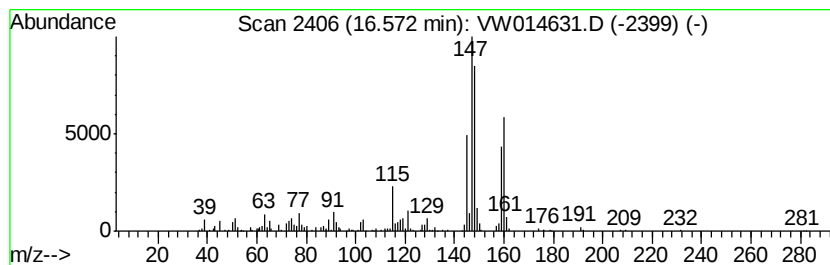
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Quant Title : VOC Analysis

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

Peak Number 18 3-Methylbenzothiophene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.57	1.48 ug/L	205121	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Methylbenzothiophene	148	C9H8S	001455-18-1	78
2		3-Methylbenzothiophene	148	C9H8S	001455-18-1	60
3		Benzo[b]thiophene, 6-methyl-	148	C9H8S	016587-47-6	60
4		Benzo[b]thiophene, 5-methyl-	148	C9H8S	014315-14-1	53
5		Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	53



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW011420\
 Data File : VW014631.D
 Acq On : 14 Jan 2020 14:22
 Operator : SY/VA
 Sample : L1109-12
 Misc : 5.01G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GASH1

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

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzene, 1,2,3-tr...	13.25	1.7	ug/L	233347	3	13.55	3472530	25.0
Benzofuran	13.47	1.3	ug/L	175784	3	13.55	3472530	25.0
Indene	13.94	8.8	ug/L	1228090	3	13.55	3472530	25.0
Benzofuran, 7-met...	14.39	1.8	ug/L	250118	3	13.55	3472530	25.0
Benzofuran, 2-met...	14.49	6.4	ug/L	885651	3	13.55	3472530	25.0
(DEL) Alkane: Str...	14.72	1.5	ug/L	213450	3	13.55	3472530	25.0
Benzene, 1,2,4,5-...	14.79	3.8	ug/L	527055	3	13.55	3472530	25.0
2-Methylindene	14.87	5.0	ug/L	698162	3	13.55	3472530	25.0
Benzene, (1-methy...	14.95	6.1	ug/L	843277	3	13.55	3472530	25.0
unknown-01	15.06	1.5	ug/L	202028	3	13.55	3472530	25.0
1H-Benzimidazole,...	15.29	2.0	ug/L	274712	3	13.55	3472530	25.0
Benzo[c]thiophene	15.46	7.0	ug/L	978134	3	13.55	3472530	25.0
1H-Indene, 1,3-di...	15.97	1.3	ug/L	181883	3	13.55	3472530	25.0
Benzo[b]thiophene...	16.38	1.6	ug/L	223123	3	13.55	3472530	25.0
Naphthalene, 1-me...	16.44	54.4	ug/L	7552130	3	13.55	3472530	25.0
3-Methylbenzothio...	16.57	1.5	ug/L	205121	3	13.55	3472530	25.0