

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011420\
 Data File : VW014638.D
 Acq On : 14 Jan 2020 17:32
 Operator : SY/VA
 Sample : L1109-16
 Misc : 5.08G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GASH5

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	1.965	6	10	15	rVB4	6650	13551	0.29%	0.032%
2	2.154	36	41	48	rBV3	7247	19384	0.41%	0.046%
3	2.349	67	73	87	rVB	380292	684480	14.52%	1.621%
4	2.885	153	161	176	rBV	243929	597970	12.69%	1.417%
5	3.239	217	219	225	rVB4	1370	1336	0.03%	0.003%
6	3.288	225	227	231	rVB3	1510	1665	0.04%	0.004%
7	3.477	255	258	262	rBV5	1603	2505	0.05%	0.006%
8	3.532	264	267	271	rVV4	1714	2264	0.05%	0.005%
9	3.684	285	292	297	rVB7	1234	2611	0.06%	0.006%
10	4.019	334	347	360	rBV	527903	1720336	36.50%	4.075%
11	4.391	400	408	414	rBV8	2303	7011	0.15%	0.017%
12	4.611	439	444	446	rBV4	806	1437	0.03%	0.003%
13	4.775	467	471	472	rBV3	1096	1406	0.03%	0.003%
14	4.922	480	495	509	rBV3	34526	132943	2.82%	0.315%
15	5.153	529	533	536	rVV5	1284	1625	0.03%	0.004%
16	5.787	628	637	645	rVB6	3192	10399	0.22%	0.025%
17	5.934	654	661	667	rVV6	5095	13830	0.29%	0.033%
18	6.915	820	822	826	rVB4	1305	1826	0.04%	0.004%
19	7.074	839	848	854	rBV	128441	352718	7.48%	0.836%
20	7.452	907	910	915	rVB6	938	1334	0.03%	0.003%
21	7.513	915	920	921	rBV4	2005	2425	0.05%	0.006%
22	7.543	921	925	931	rVV7	1784	3475	0.07%	0.008%
23	7.647	931	942	956	rVV	726791	1776209	37.69%	4.208%
24	7.952	988	992	996	rVB5	2746	3425	0.07%	0.008%
25	8.073	1010	1012	1018	rVB4	1070	1797	0.04%	0.004%
26	8.269	1034	1044	1061	rBV2	1535255	4712998	100.00%	11.164%
27	8.567	1087	1093	1098	rVB6	3838	8314	0.18%	0.020%
28	8.695	1107	1114	1122	rBV5	2835	7305	0.15%	0.017%
29	8.842	1128	1138	1149	rBV	1397731	2797760	59.36%	6.628%
30	8.988	1159	1162	1167	rVB5	1100	1699	0.04%	0.004%
31	9.073	1167	1176	1184	rVB6	7164	17248	0.37%	0.041%
32	9.274	1196	1209	1220	rBV	998660	2069409	43.91%	4.902%
33	9.415	1227	1232	1239	rVB4	5823	11914	0.25%	0.028%
34	9.665	1266	1273	1278	rBV6	4247	8537	0.18%	0.020%

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Integration Parameters: LSCINT.P

Integrator: RTE
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Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
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35	10.030	1325	1333	1344	rBV	532334	967915	20.54%	2.293%
36	10.122	1346	1348	1352	rVB5	2998	3406	0.07%	0.008%
37	10.213	1357	1363	1369	rVB2	7098	14152	0.30%	0.034%
38	10.323	1372	1381	1388	rBV	2202280	3895731	82.66%	9.228%
39	10.390	1388	1392	1397	rVB	18011	31270	0.66%	0.074%
40	10.573	1415	1422	1437	rVV	344961	600086	12.73%	1.422%
41	10.701	1437	1443	1450	rVB	15349	28302	0.60%	0.067%
42	10.823	1458	1463	1466	rBV4	835	1343	0.03%	0.003%
43	10.853	1466	1468	1471	rBV4	1840	2174	0.05%	0.005%
44	10.921	1472	1479	1491	rBV	504065	843659	17.90%	1.999%
45	11.067	1497	1503	1513	rVB2	46708	84408	1.79%	0.200%
46	11.170	1518	1520	1525	rVB5	1623	2247	0.05%	0.005%
47	11.335	1544	1547	1551	rBV3	1330	1658	0.04%	0.004%
48	11.439	1557	1564	1569	rVB2	7565	12752	0.27%	0.030%
49	11.628	1586	1595	1606	rBV	1944615	3237615	68.70%	7.669%
50	11.731	1608	1612	1619	rVV	8649	14067	0.30%	0.033%
51	11.835	1621	1629	1639	rVB	75747	140175	2.97%	0.332%
52	11.957	1646	1649	1650	rBV3	1236	1253	0.03%	0.003%
53	12.042	1658	1663	1664	rBV4	881	1388	0.03%	0.003%
54	12.122	1670	1676	1677	rBV4	2985	4640	0.10%	0.011%
55	12.164	1677	1683	1691	rVB	152433	253035	5.37%	0.599%
56	12.341	1707	1712	1715	rBV6	5363	8694	0.18%	0.021%
57	12.463	1727	1732	1738	rVB3	9263	16121	0.34%	0.038%
58	12.603	1750	1755	1762	rBV	23801	41113	0.87%	0.097%
59	12.688	1762	1769	1776	rVV	734339	1230521	26.11%	2.915%
60	12.756	1776	1780	1784	rVV3	9745	16897	0.36%	0.040%
61	12.804	1784	1788	1793	rVV3	6866	11617	0.25%	0.028%
62	12.865	1793	1798	1801	rVV2	13521	24423	0.52%	0.058%
63	12.896	1801	1803	1806	rVV2	11590	16958	0.36%	0.040%
64	12.938	1806	1810	1815	rVV2	30155	53224	1.13%	0.126%
65	12.993	1815	1819	1821	rVB5	1667	2241	0.05%	0.005%
66	13.036	1823	1826	1830	rVB4	3707	4634	0.10%	0.011%
67	13.103	1830	1837	1847	rBV	32277	56571	1.20%	0.134%
68	13.201	1849	1853	1854	rBV2	965	1266	0.03%	0.003%
69	13.249	1854	1861	1866	rVV	84838	137440	2.92%	0.326%
70	13.292	1866	1868	1873	rVB5	6261	9459	0.20%	0.022%
71	13.396	1881	1885	1889	rBV4	8104	11863	0.25%	0.028%

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Integration Parameters: LSCINT.P

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72	13.475	1890	1898	1904	rBV	486370	788935	16.74%	1.869%
73	13.554	1904	1911	1921	rBV	1960971	3336942	70.80%	7.905%
74	13.719	1933	1938	1939	rBV5	6591	9884	0.21%	0.023%
75	13.755	1939	1944	1948	rBV	39218	67564	1.43%	0.160%
76	13.853	1953	1960	1968	rBV	1834877	3002030	63.70%	7.111%
77	13.938	1968	1974	1981	rVB	222584	374877	7.95%	0.888%
78	14.018	1983	1987	1988	rBV3	8416	11796	0.25%	0.028%
79	14.036	1988	1990	1993	rBV	8103	7499	0.16%	0.018%
80	14.072	1993	1996	1997	rBV2	8575	9489	0.20%	0.022%
81	14.207	2012	2018	2024	rBV3	24829	43731	0.93%	0.104%
82	14.328	2030	2038	2042	rBV5	43584	78881	1.67%	0.187%
83	14.389	2043	2048	2056	rBV2	130815	251647	5.34%	0.596%
84	14.487	2056	2064	2073	rBV3	116128	369972	7.85%	0.876%
85	14.682	2092	2096	2101	rBV4	14012	25941	0.55%	0.061%
86	14.725	2101	2103	2108	rVB6	8333	11681	0.25%	0.028%
87	14.792	2108	2114	2122	rBV2	71212	161960	3.44%	0.384%
88	14.871	2122	2127	2135	rVB3	18955	31586	0.67%	0.075%
89	14.956	2135	2141	2147	rBV3	41356	78175	1.66%	0.185%
90	15.060	2154	2158	2163	rBV5	8312	16757	0.36%	0.040%
91	15.176	2172	2177	2185	rVB4	23116	49652	1.05%	0.118%
92	15.286	2185	2195	2198	rBV3	37010	89532	1.90%	0.212%
93	15.365	2201	2208	2216	rVV	2675796	4666145	99.01%	11.054%
94	15.462	2216	2224	2232	rVB	208660	471573	10.01%	1.117%
95	15.651	2251	2255	2261	rBV3	7223	16276	0.35%	0.039%
96	15.718	2264	2266	2273	rVB5	6510	11850	0.25%	0.028%
97	15.962	2300	2306	2313	rBV9	9736	25737	0.55%	0.061%
98	16.377	2368	2374	2378	rBV2	15171	36667	0.78%	0.087%
99	16.444	2378	2385	2398	rVB	259094	563897	11.96%	1.336%
100	16.645	2410	2418	2430	rVB	372408	826022	17.53%	1.957%

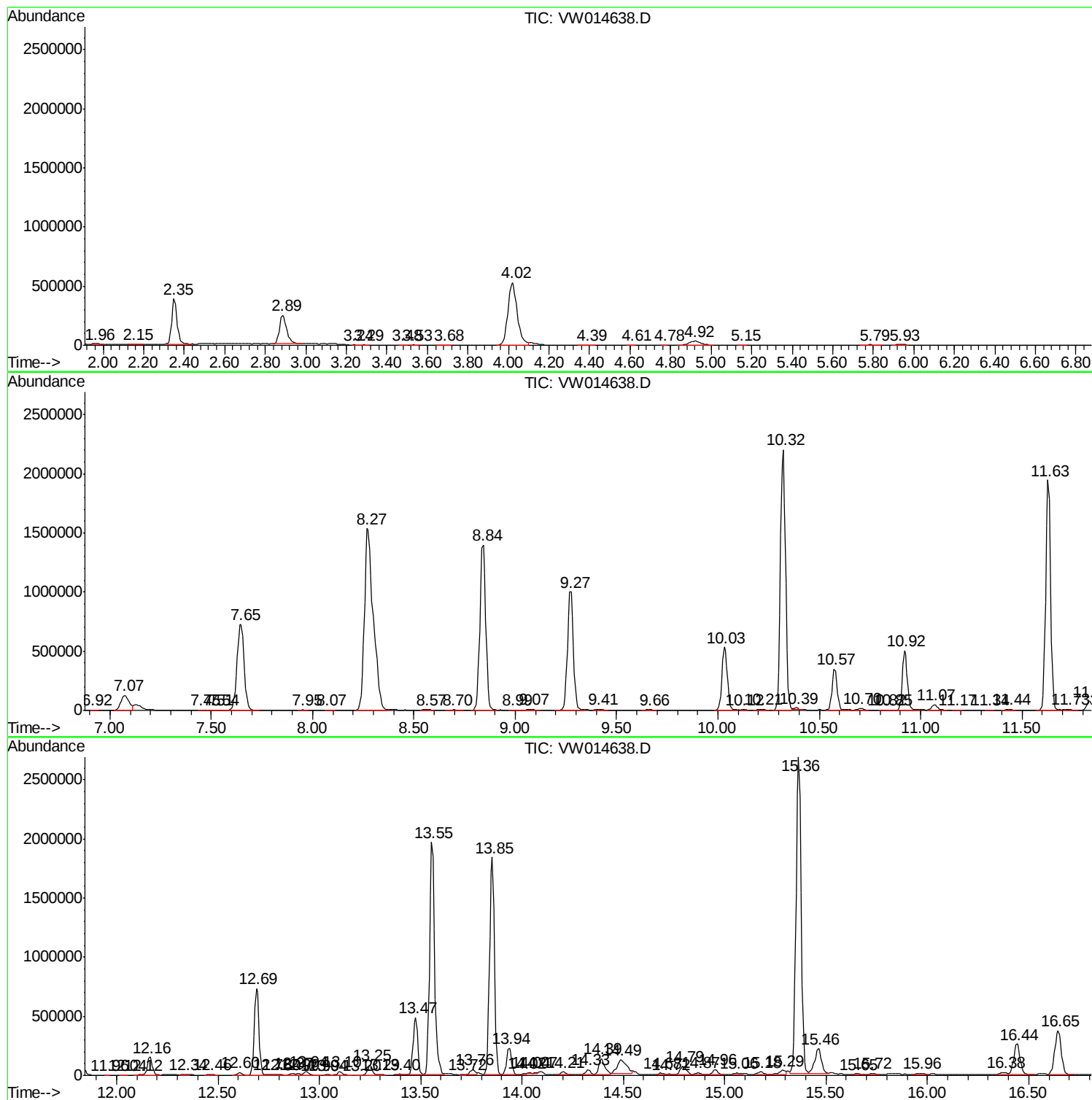
Sum of corrected areas: 42214162

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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



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Misc : 5.08G/10ML/MSVOA W/SOIL
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Instrument :
MSVOA_W
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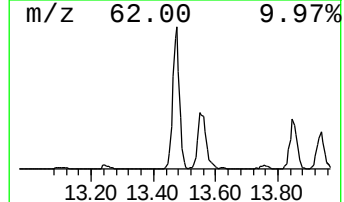
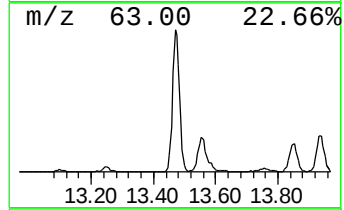
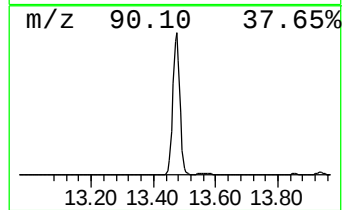
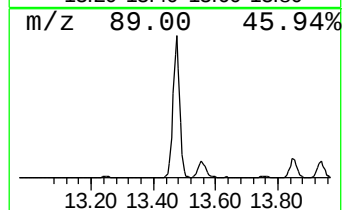
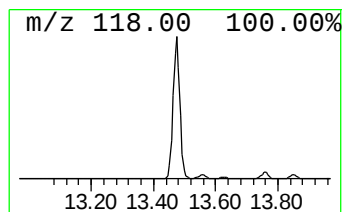
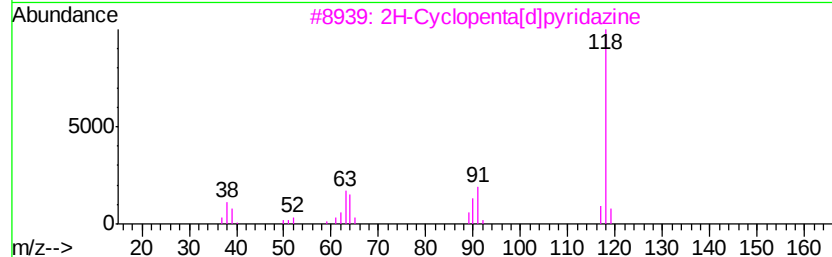
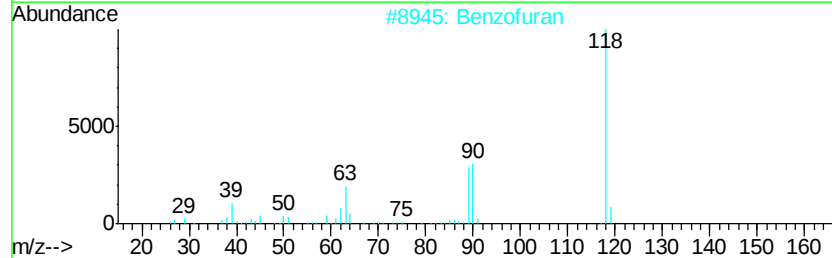
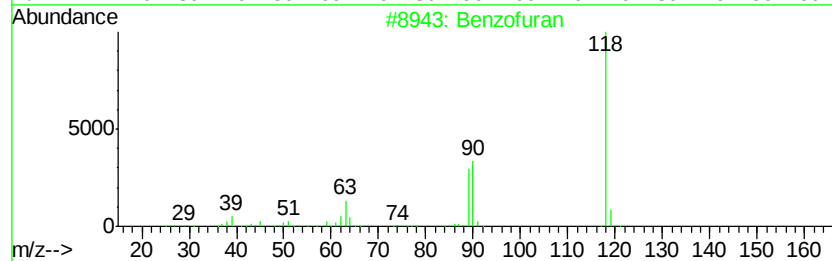
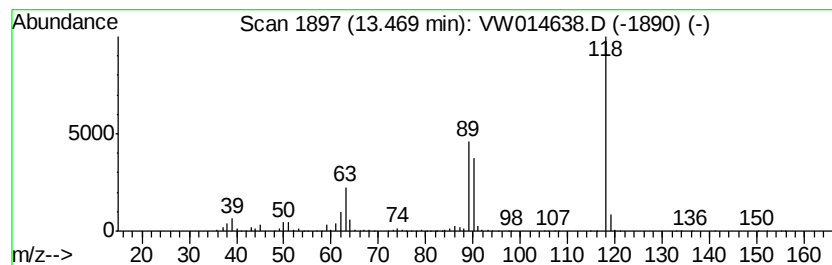
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

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

Peak Number 2 Benzofuran Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	5.91 ug/L	788935	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzofuran	118	C8H6O	000271-89-6	93
2		Benzofuran	118	C8H6O	000271-89-6	90
3		2H-Cyclopenta[d]pyridazine	118	C7H6N2	000270-64-4	64
4		1H-Pyrrolo[2,3-b]pyridine	118	C7H6N2	000271-63-6	53
5		3-Hydroxyphenylacetylene	118	C8H6O	010401-11-3	47



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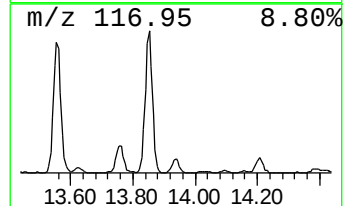
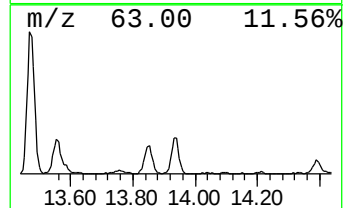
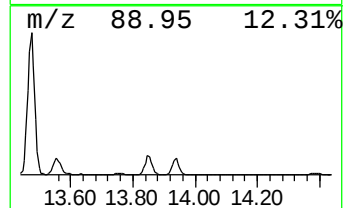
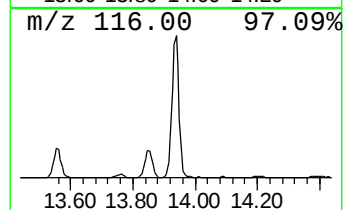
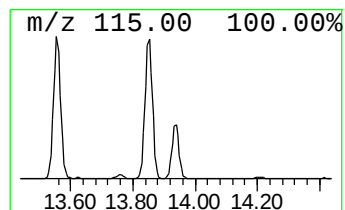
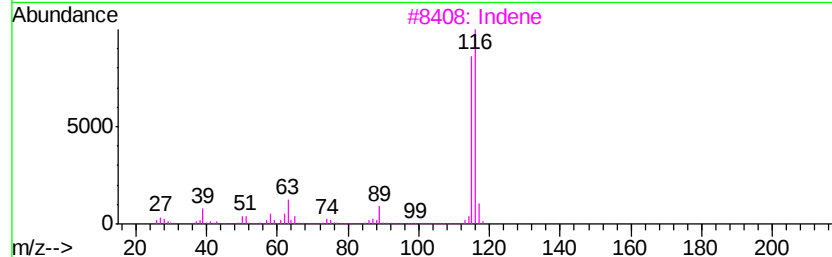
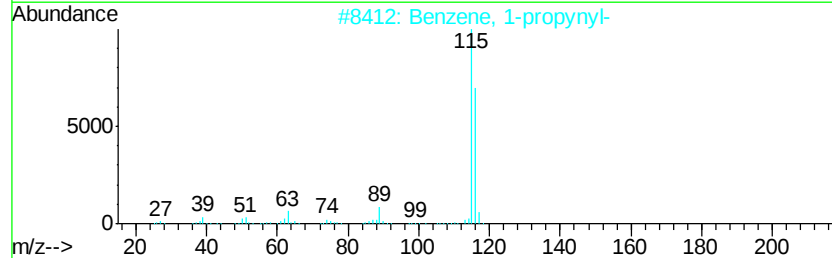
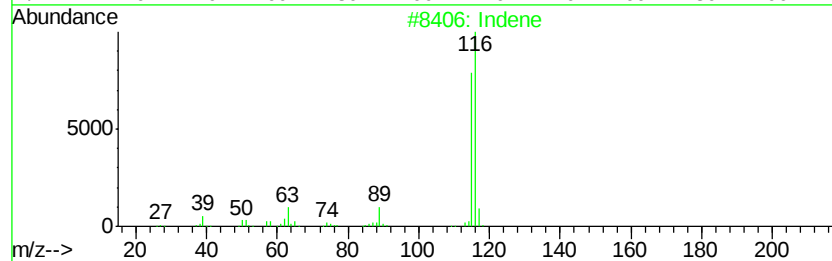
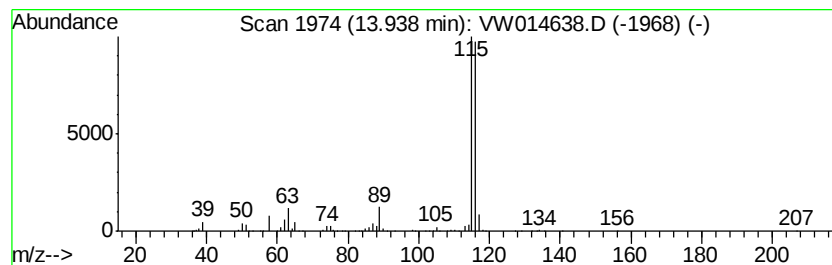
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

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

Peak Number 3 Indene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	2.81 ug/L	374877	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	95
3	Indene		116	C9H8	000095-13-6	95
4	Indene		116	C9H8	000095-13-6	95
5	3-Methylphenylacetylene		116	C9H8	000766-82-5	94



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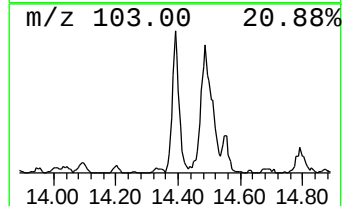
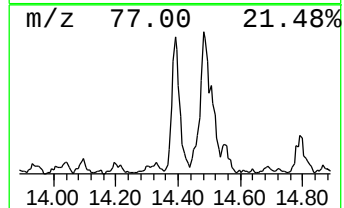
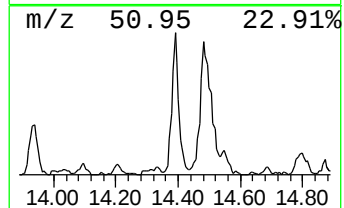
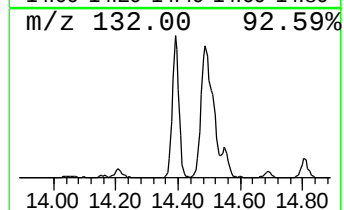
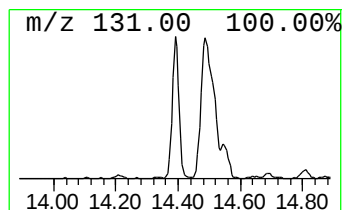
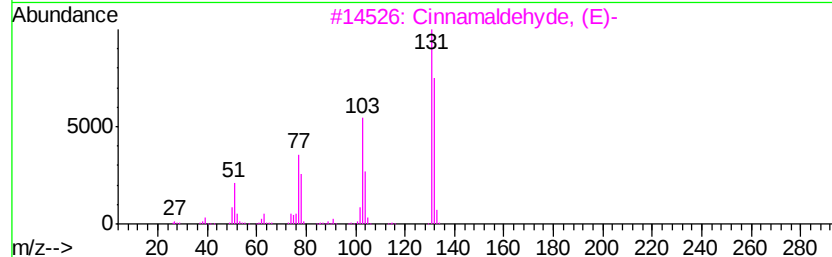
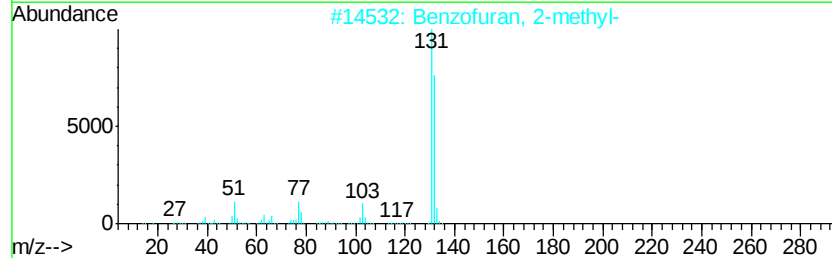
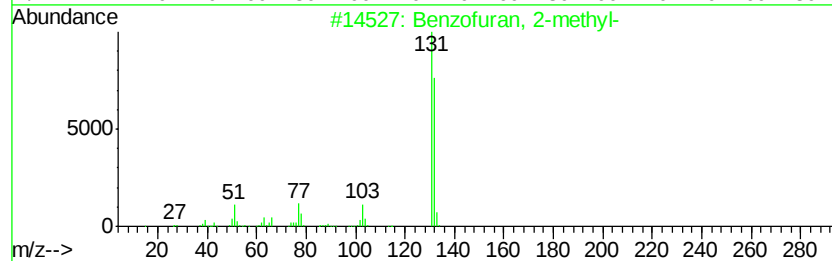
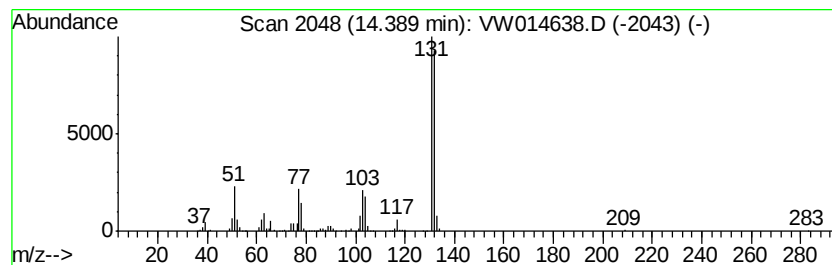
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Quant Title : VOC Analysis

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

Peak Number 4 Benzofuran, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.39	1.89 ug/L	251647	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
2		Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
3		Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	91
4		3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	91
5		2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011420\
Data File : VW014638.D
Acq On : 14 Jan 2020 17:32
Operator : SY/VA
Sample : L1109-16
Misc : 5.08G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GASH5

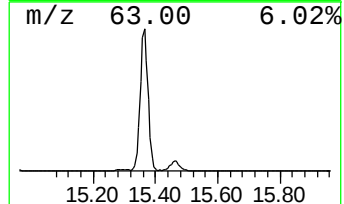
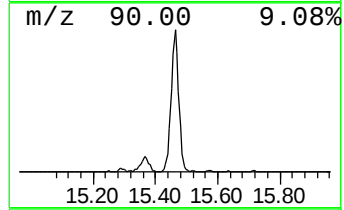
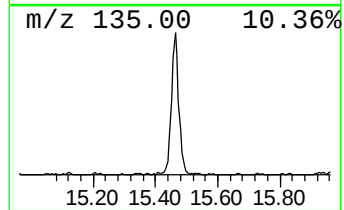
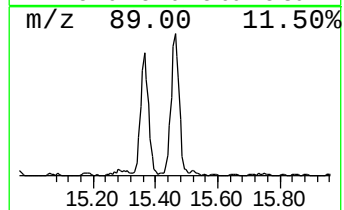
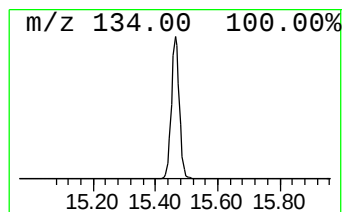
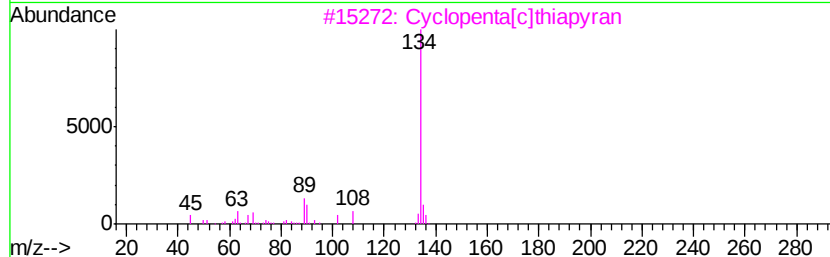
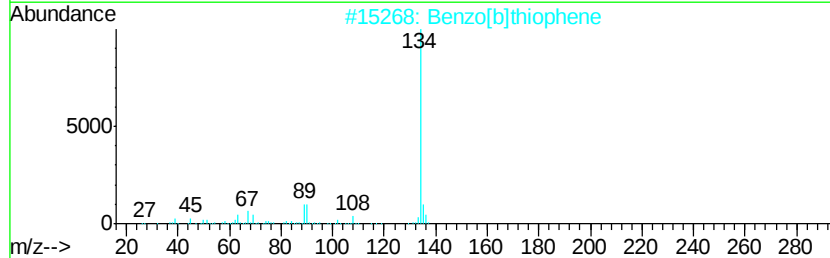
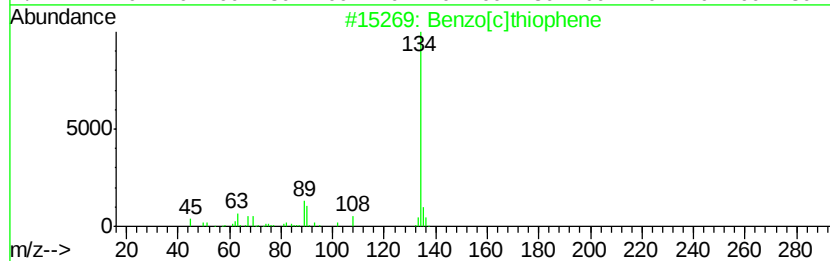
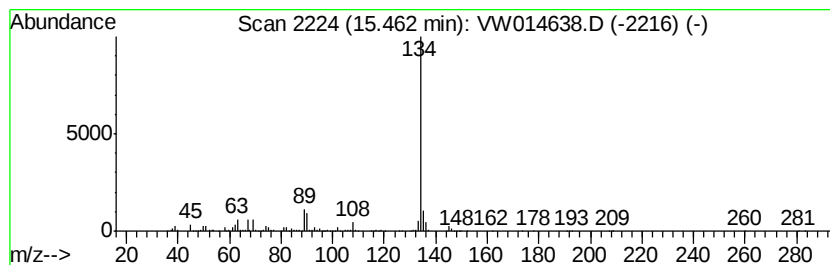
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Quant Title : VOC Analysis

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

Peak Number 7 Benzo[c]thiophene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.46	3.53 ug/L	471573	1,4-Dichlorobenzene-d4	13.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[c]thiophene	134	C8H6S	000270-82-6	97
2			Benzo[b]thiophene	134	C8H6S	000095-15-8	95
3			Cvclopenta[c]thiapyran	134	C8H6S	000270-63-3	94
4			Benzo[b]thiophene	134	C8H6S	000095-15-8	94
5			Benzo[b]thiophene	134	C8H6S	000095-15-8	93



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011420\
Data File : VW014638.D
Acq On : 14 Jan 2020 17:32
Operator : SY/VA
Sample : L1109-16
Misc : 5.08G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GASH5

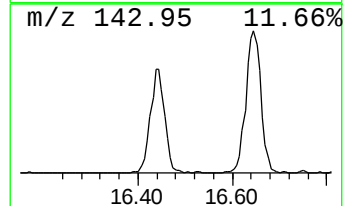
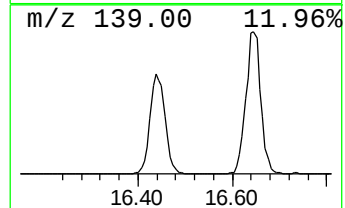
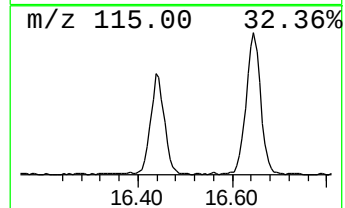
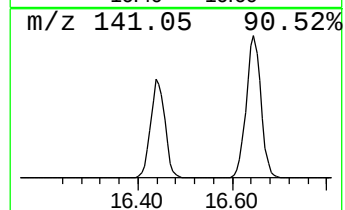
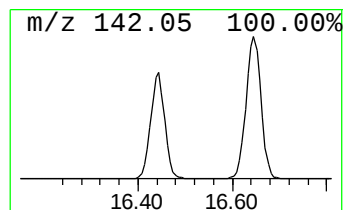
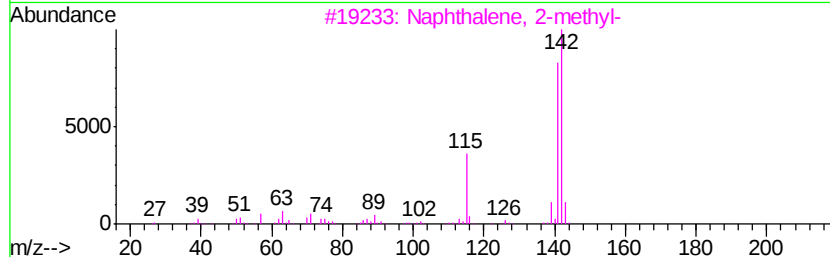
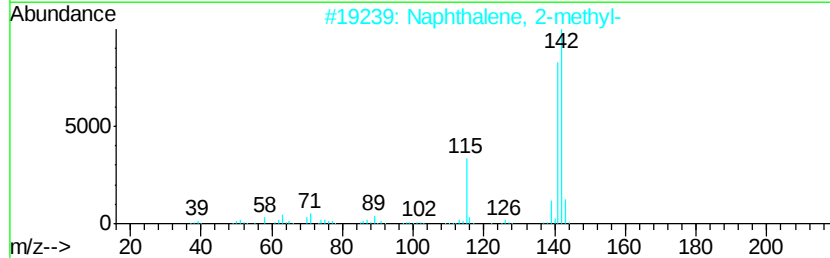
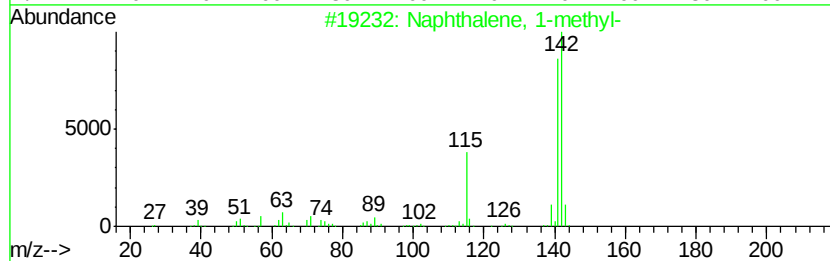
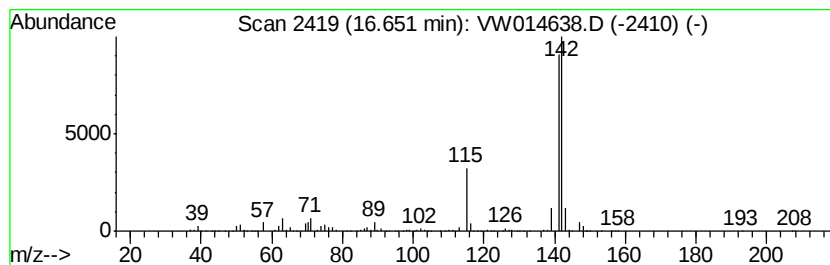
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

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

Peak Number 9 Naphthalene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.65	6.19 ug/L	826022	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	97
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
3		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
4		Benzocycloheptatriene	142	C11H10	000264-09-5	91
5		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW011420\
Data File : VW014638.D
Acq On : 14 Jan 2020 17:32
Operator : SY/VA
Sample : L1109-16
Misc : 5.08G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GASH5

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
Benzofuran	13.47	5.9	ug/L	788935	3	13.55	3336940	25.0
Indene	13.94	2.8	ug/L	374877	3	13.55	3336940	25.0
Benzofuran, 2-met...	14.39	1.9	ug/L	251647	3	13.55	3336940	25.0
Benzo[c]thiophene	15.46	3.5	ug/L	471573	3	13.55	3336940	25.0
Naphthalene, 1-me...	16.65	6.2	ug/L	826022	3	13.55	3336940	25.0