

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081221\
 Data File : VX023673.D
 Acq On : 12 Aug 2021 14:38
 Operator : JC/MD
 Sample : M3364-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DBK99

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML081121WMA.M

Title : VOC Analysis

Signal : TIC: VX023673.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.252	24	27	33	rVB	8037	10188	0.73%	0.098%
2	1.368	43	46	53	rVB	97721	101661	7.24%	0.981%
3	1.666	91	95	105	rVB	80286	108731	7.74%	1.050%
4	2.307	194	200	211	rBV	186043	307463	21.89%	2.968%
5	2.849	288	289	293	rVB2	438	461	0.03%	0.004%
6	2.886	293	295	297	rBV2	279	330	0.02%	0.003%
7	3.075	321	326	327	rBV	442	609	0.04%	0.006%
8	3.123	327	334	343	rVB2	8319	17292	1.23%	0.167%
9	4.093	490	493	495	rBV3	239	314	0.02%	0.003%
10	4.465	545	554	570	rBV	82707	236664	16.85%	2.285%
11	4.739	597	599	602	rBV	368	424	0.03%	0.004%
12	5.068	639	653	669	rVV	122785	376990	26.84%	3.639%
13	5.556	730	733	736	rBV3	655	1006	0.07%	0.010%
14	5.977	789	802	818	rVV2	327364	960152	68.37%	9.269%
15	6.672	914	916	920	rBV2	227	354	0.03%	0.003%
16	6.769	922	932	951	rBV	302750	718368	51.15%	6.935%
17	6.952	959	962	965	rVB4	341	430	0.03%	0.004%
18	7.117	983	989	996	rVB3	3765	8383	0.60%	0.081%
19	7.318	1010	1022	1033	rBV	199922	443308	31.57%	4.279%
20	7.482	1048	1049	1051	rVB2	469	342	0.02%	0.003%
21	7.781	1096	1098	1099	rBV	376	295	0.02%	0.003%
22	7.927	1117	1122	1130	rVB6	1947	3716	0.26%	0.036%
23	8.001	1130	1134	1137	rVB2	378	404	0.03%	0.004%
24	8.031	1137	1139	1143	rVB2	289	322	0.02%	0.003%
25	8.330	1179	1188	1199	rBV	128910	208515	14.85%	2.013%
26	8.470	1207	1211	1218	rVV3	1783	3158	0.22%	0.030%
27	8.549	1222	1224	1226	rBV2	366	390	0.03%	0.004%
28	8.574	1226	1228	1232	rVV3	501	786	0.06%	0.008%
29	8.653	1234	1241	1249	rVV	523407	785686	55.94%	7.584%
30	8.726	1249	1253	1261	rVV2	7146	12355	0.88%	0.119%
31	8.854	1271	1274	1277	rVB	332	315	0.02%	0.003%
32	8.891	1277	1280	1283	rBV2	236	392	0.03%	0.004%
33	8.952	1284	1290	1302	rVV	94530	139406	9.93%	1.346%
34	9.281	1339	1344	1347	rBV2	1612	1864	0.13%	0.018%
35	9.391	1356	1362	1370	rBV	376061	536112	38.17%	5.175%
36	9.610	1396	1398	1403	rVB2	315	327	0.02%	0.003%

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Integrator: RTE

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Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML081121WMA.M
 Title : VOC Analysis

37	10.055	1466	1471	1485	rVB	662761	871801	62.08%	8.416%
38	10.189	1490	1493	1497	rVB3	523	753	0.05%	0.007%
39	10.305	1508	1512	1517	rVB2	2760	3378	0.24%	0.033%
40	10.543	1548	1551	1555	rBV2	270	403	0.03%	0.004%
41	10.646	1562	1568	1575	rBV3	2165	3254	0.23%	0.031%
42	10.963	1618	1620	1625	rVV2	1171	1310	0.09%	0.013%
43	11.122	1642	1646	1652	rVB2	3173	4010	0.29%	0.039%
44	11.195	1652	1658	1666	rBV	388923	481276	34.27%	4.646%
45	11.280	1669	1672	1674	rVB2	671	612	0.04%	0.006%
46	11.311	1674	1677	1679	rBV4	1003	1130	0.08%	0.011%
47	11.384	1685	1689	1695	rVB2	773	1487	0.11%	0.014%
48	11.457	1698	1701	1702	rBV2	573	600	0.04%	0.006%
49	11.555	1713	1717	1722	rBV4	330	620	0.04%	0.006%
50	11.616	1723	1727	1731	rVB2	2228	2330	0.17%	0.022%
51	11.756	1744	1750	1756	rVB2	11295	14649	1.04%	0.141%
52	11.847	1762	1765	1767	rVB2	434	497	0.04%	0.005%
53	11.939	1776	1780	1782	rBV	1590	1670	0.12%	0.016%
54	12.024	1789	1794	1801	rBV	644131	784834	55.88%	7.576%
55	12.091	1801	1805	1808	rVB	6768	8154	0.58%	0.079%
56	12.152	1813	1815	1818	rVB	2342	2448	0.17%	0.024%
57	12.250	1828	1831	1836	rVB4	1276	1785	0.13%	0.017%
58	12.323	1836	1843	1850	rBV	536088	677476	48.24%	6.540%
59	12.414	1855	1858	1864	rVB2	1781	3081	0.22%	0.030%
60	12.475	1864	1868	1873	rVB4	649	1326	0.09%	0.013%
61	12.536	1873	1878	1880	rBV2	1298	1856	0.13%	0.018%
62	12.616	1887	1891	1895	rBV2	4260	4503	0.32%	0.043%
63	12.701	1901	1905	1910	rVB2	12367	14611	1.04%	0.141%
64	12.853	1927	1930	1932	rBV4	1660	1859	0.13%	0.018%
65	12.890	1932	1936	1939	rVV	5131	6015	0.43%	0.058%
66	12.927	1939	1942	1944	rVV	2521	2782	0.20%	0.027%
67	12.969	1944	1949	1956	rVV2	13460	19243	1.37%	0.186%
68	13.030	1956	1959	1967	rVB6	1451	2562	0.18%	0.025%
69	13.170	1979	1982	1986	rBV2	3072	3230	0.23%	0.031%
70	13.292	1997	2002	2007	rVB2	13122	19372	1.38%	0.187%
71	13.372	2013	2015	2018	rVV	445	383	0.03%	0.004%
72	13.426	2018	2024	2032	rVB	5541	6810	0.48%	0.066%
73	13.548	2040	2044	2047	rBV3	2409	2941	0.21%	0.028%
74	13.591	2047	2051	2053	rBV5	1420	2028	0.14%	0.020%
75	13.780	2074	2082	2090	rVV	1131686	1404399	100.00%	13.557%
76	13.871	2092	2097	2104	rVV	80397	103345	7.36%	0.998%

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Peak Location: TOP

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 Title : VOC Analysis

77	13.926	2104	2106	2110	rVB3	3593	4154	0.30%	0.040%
78	13.975	2110	2114	2118	rBV3	1646	2048	0.15%	0.020%
79	14.079	2127	2131	2134	rBV	3518	4439	0.32%	0.043%
80	14.164	2144	2145	2148	rBV2	382	396	0.03%	0.004%
81	14.219	2150	2154	2159	rVV3	4577	7312	0.52%	0.071%
82	14.286	2162	2165	2167	rBV3	570	447	0.03%	0.004%
83	14.323	2168	2171	2173	rVV2	1263	1398	0.10%	0.013%
84	14.371	2175	2179	2186	rVB3	3261	4085	0.29%	0.039%
85	14.426	2186	2188	2190	rVB3	379	312	0.02%	0.003%
86	14.487	2195	2198	2202	rVB3	1454	1891	0.13%	0.018%
87	14.603	2212	2217	2220	rVV	18309	23498	1.67%	0.227%
88	14.640	2220	2223	2231	rVB	6377	8776	0.62%	0.085%
89	14.731	2234	2238	2241	rBV	3277	3938	0.28%	0.038%
90	14.780	2241	2246	2258	rVB	376650	486555	34.65%	4.697%
91	15.207	2311	2316	2322	rBV	66823	91915	6.54%	0.887%
92	15.377	2340	2344	2347	rBV	9993	12833	0.91%	0.124%
93	15.481	2356	2361	2365	rBV	17039	25594	1.82%	0.247%
94	15.615	2377	2383	2387	rBV	36439	54698	3.89%	0.528%
95	15.841	2412	2420	2426	rVB4	8190	21697	1.54%	0.209%
96	15.914	2431	2432	2435	rBV2	553	510	0.04%	0.005%
97	15.987	2440	2444	2448	rBV	4986	7520	0.54%	0.073%
98	16.091	2456	2461	2465	rBV5	3224	5538	0.39%	0.053%
99	16.328	2493	2500	2511	rBV	57988	106981	7.62%	1.033%
100	16.688	2553	2559	2568	rVB	16222	30268	2.16%	0.292%

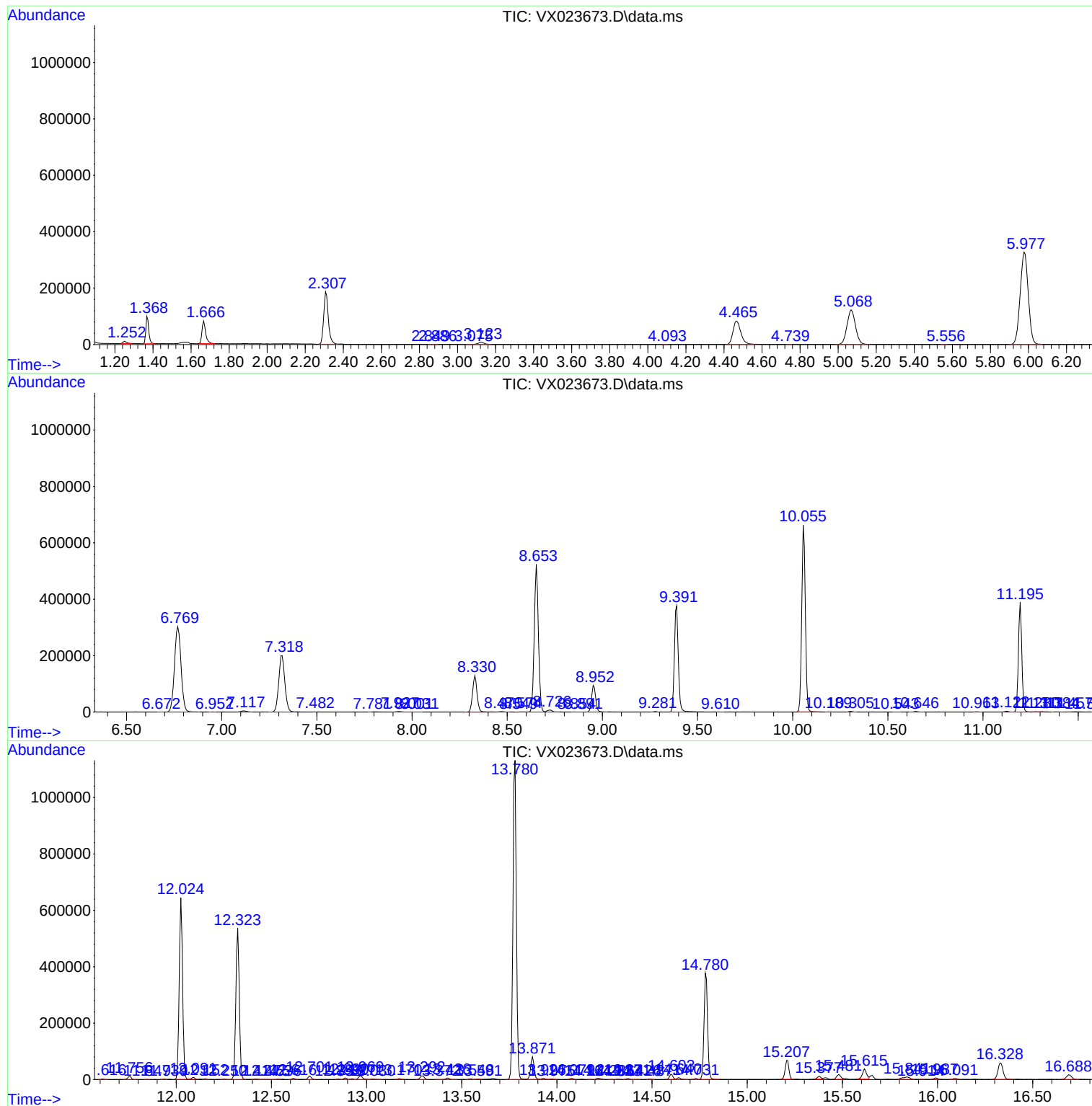
Sum of corrected areas: 10359139

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Instrument :
MSVOA_X
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML081121WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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Instrument :
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ClientSampleId :
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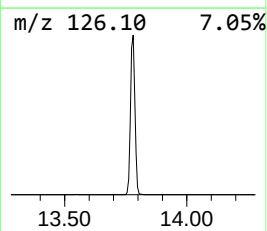
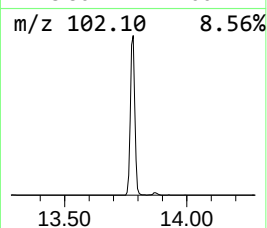
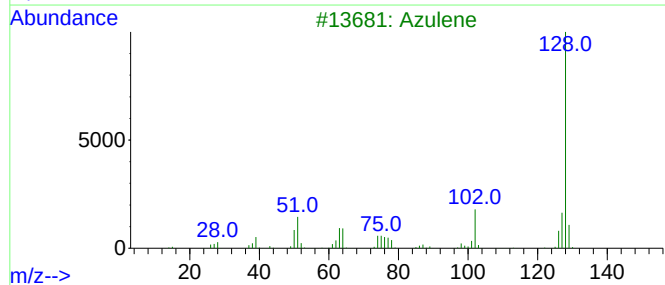
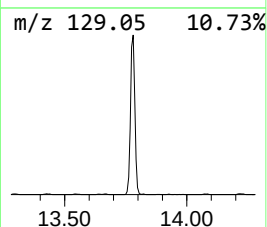
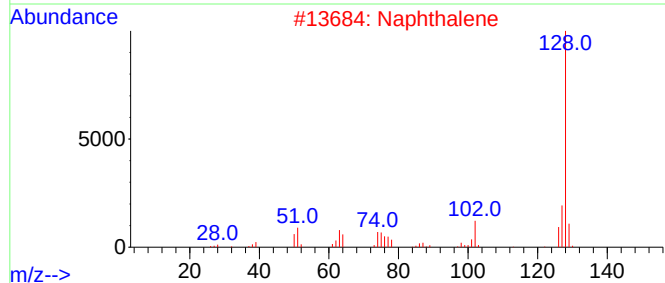
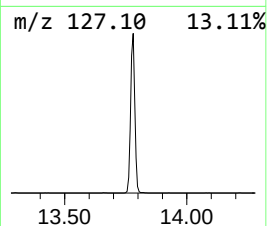
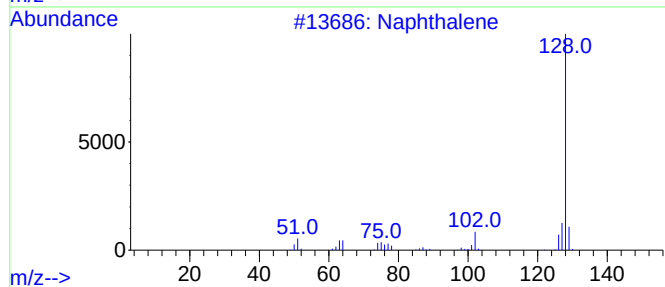
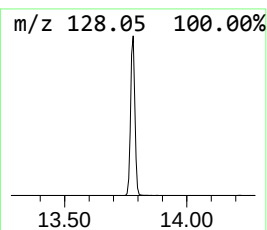
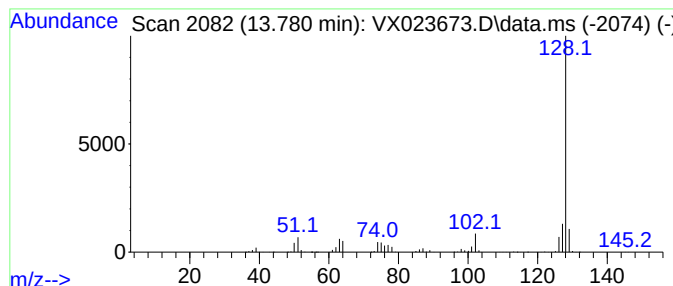
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML081121WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Azulene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.780	89.47 ug/L	1404400	1,4-Dichlorobenzene-d4	12.024

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene	128	C10H8	000091-20-3	95
2			Naphthalene	128	C10H8	000091-20-3	94
3			Azulene	128	C10H8	000275-51-4	91
4			Azulene	128	C10H8	000275-51-4	91
5			Azulene	128	C10H8	000275-51-4	90



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Instrument :
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ClientSampleId :
DBK99

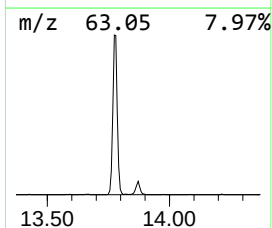
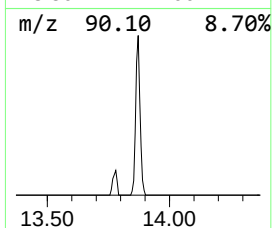
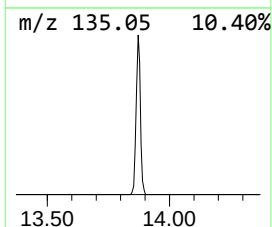
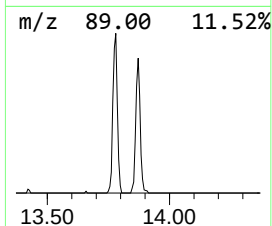
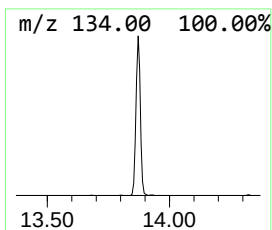
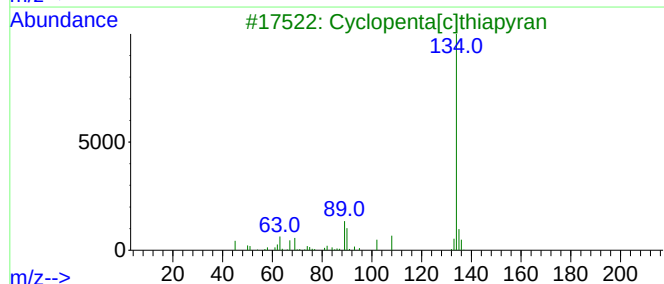
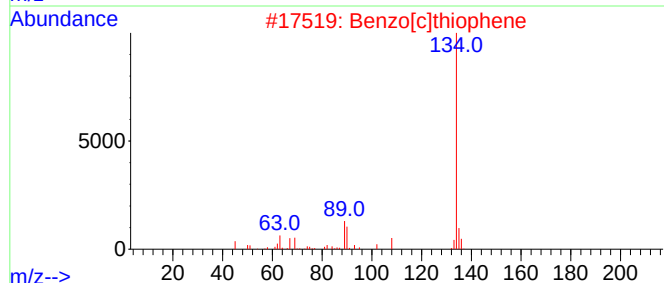
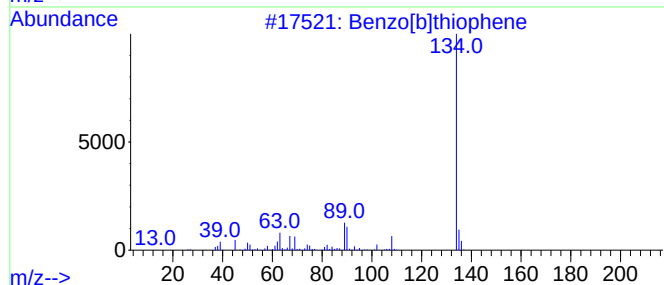
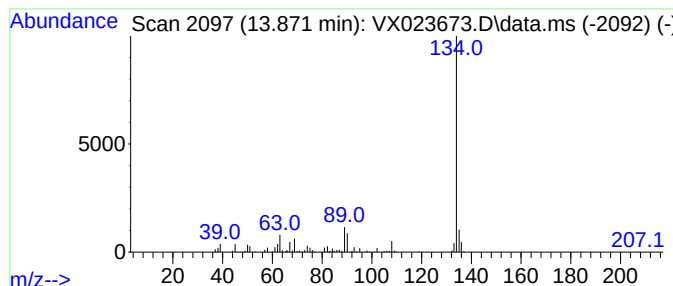
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML081121WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzo[b]thiophene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.871	6.58 ug/L	103345	1,4-Dichlorobenzene-d4	12.024

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



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Instrument :
MSVOA_X
ClientSampleId :
DBK99

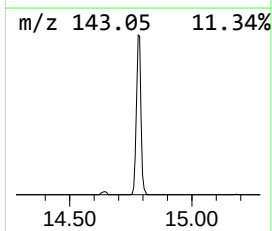
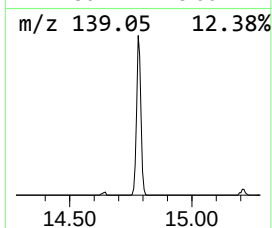
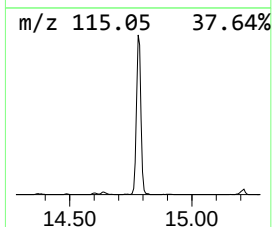
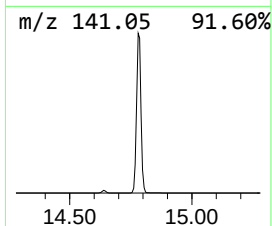
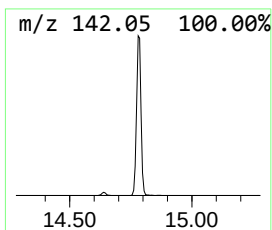
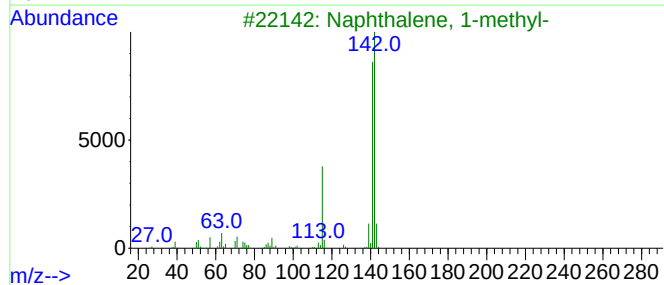
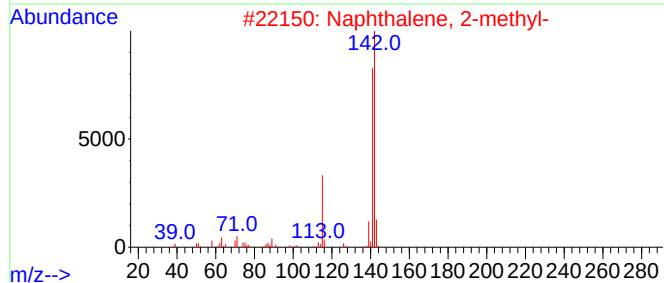
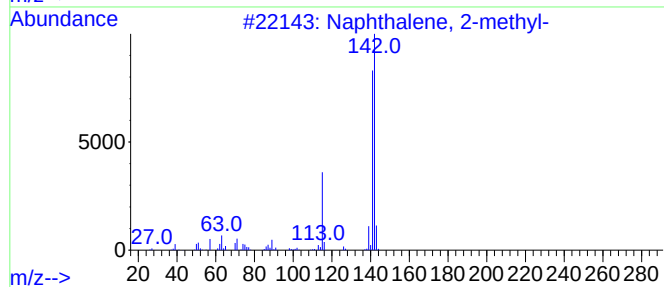
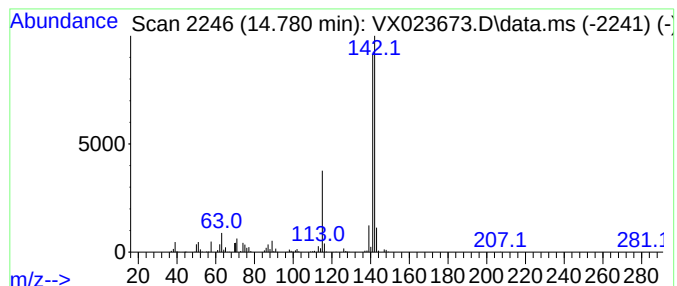
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML081121WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 1,4-Methanonaphthalene, 1,4... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.780	31.00 ug/L	486555	1,4-Dichlorobenzene-d4	12.024

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
4			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081221\
Data File : VX023673.D
Acq On : 12 Aug 2021 14:38
Operator : JC/MD
Sample : M3364-15
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
DBK99

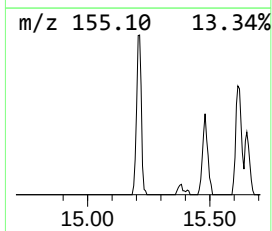
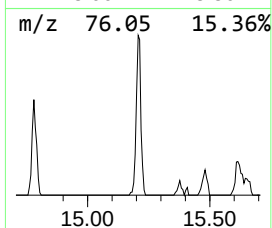
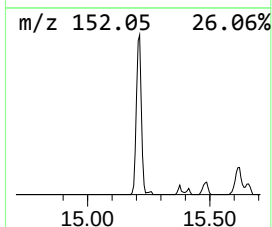
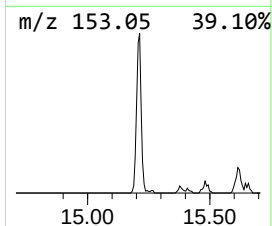
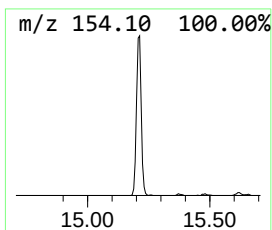
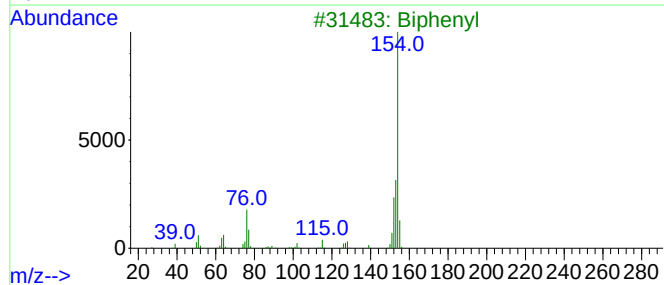
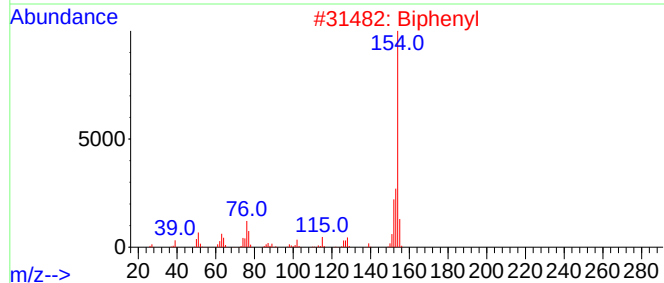
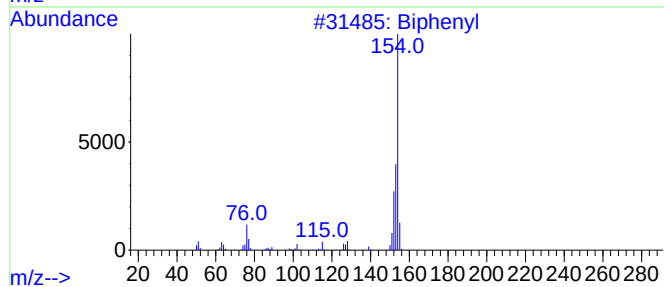
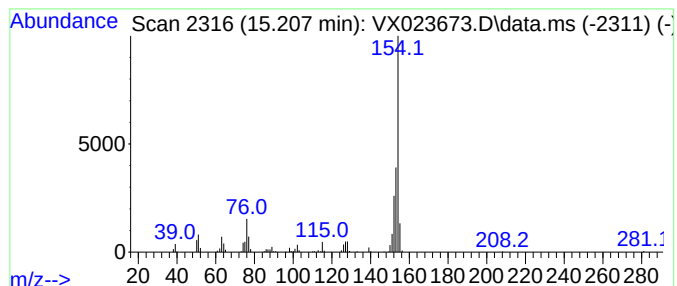
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Biphenyl Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.207	5.86 ug/L	91915	1,4-Dichlorobenzene-d4	12.024

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Biphenyl	154	C12H10	000092-52-4	95
2			Biphenyl	154	C12H10	000092-52-4	94
3			Biphenyl	154	C12H10	000092-52-4	93
4			Biphenyl	154	C12H10	000092-52-4	93
5			Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081221\
Data File : VX023673.D
Acq On : 12 Aug 2021 14:38
Operator : JC/MD
Sample : M3364-15
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
DBK99

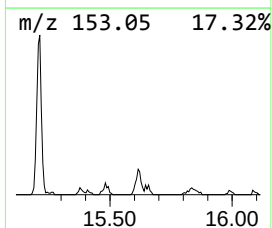
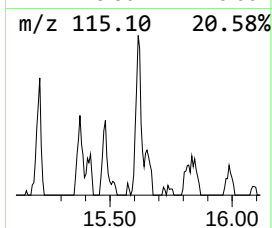
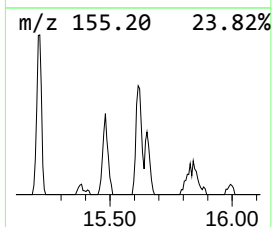
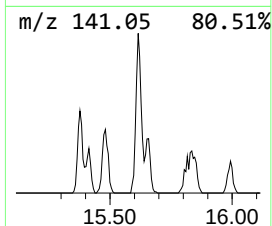
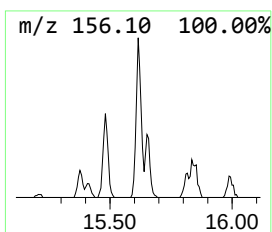
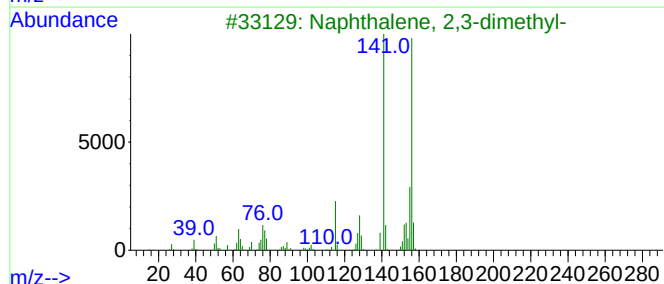
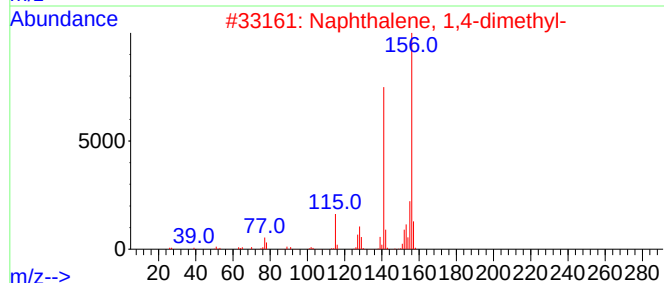
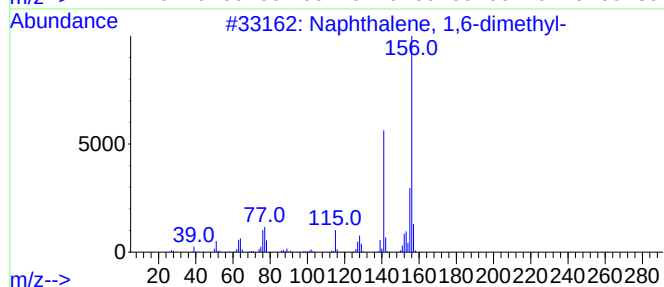
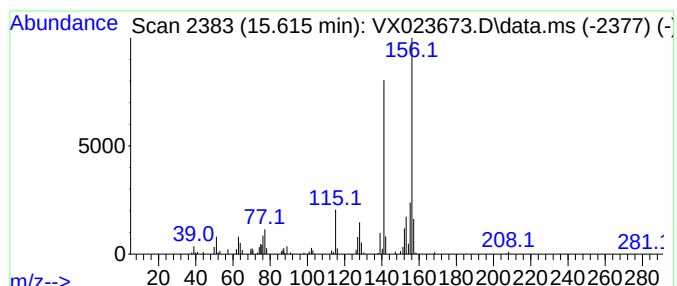
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Naphthalene, 1,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.615	3.48 ug/L	54698	1,4-Dichlorobenzene-d4	12.024

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
3			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081221\
Data File : VX023673.D
Acq On : 12 Aug 2021 14:38
Operator : JC/MD
Sample : M3364-15
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
DBK99

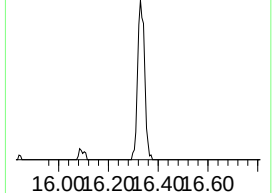
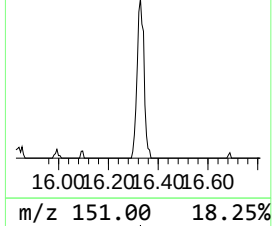
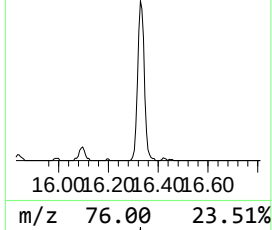
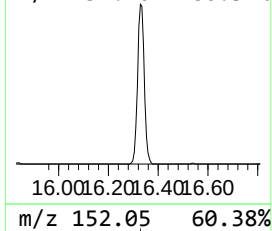
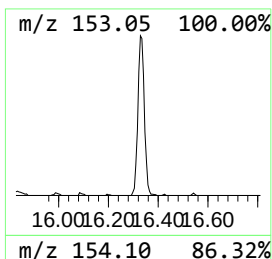
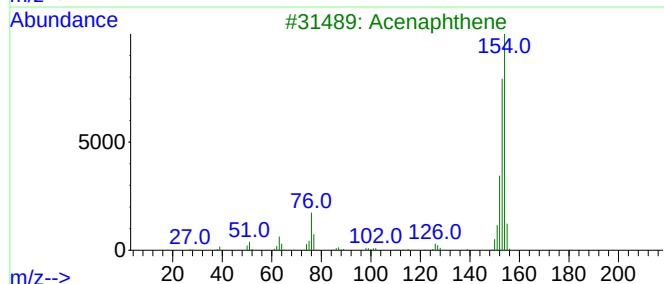
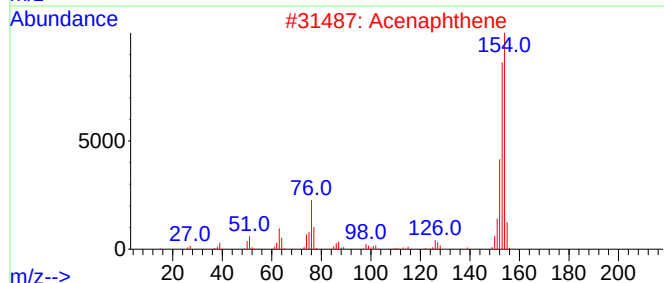
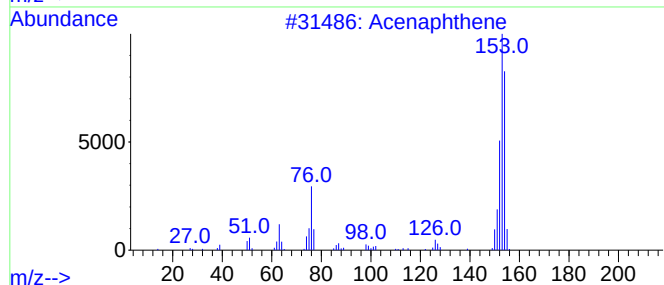
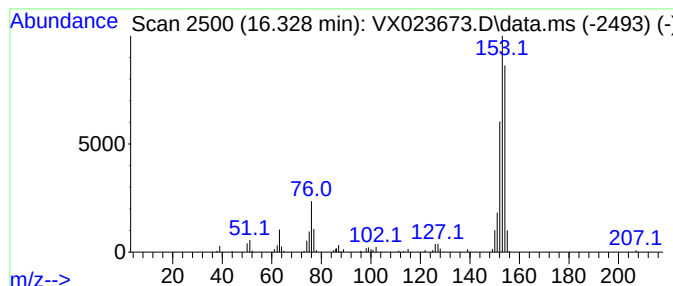
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML081121WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Hexa-2,4-diyn-1-ylbenzene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.328	6.82 ug/L	106981	1,4-Dichlorobenzene-d4	12.024

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acenaphthene			154	C12H10	000083-32-9	93
2	Acenaphthene			154	C12H10	000083-32-9	91
3	Acenaphthene			154	C12H10	000083-32-9	81
4	Hexa-2,4-diyn-1-ylbenzene			154	C12H10	000520-74-1	64
5	Acenaphthene			154	C12H10	000083-32-9	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081221\
Data File : VX023673.D
Acq On : 12 Aug 2021 14:38
Operator : JC/MD
Sample : M3364-15
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
DBK99

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML081121WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Azulene	13.780	89.5	ug/L	1404400	3	12.024	784834	50.0
Benzo[b]thiophene	13.871	6.6	ug/L	103345	3	12.024	784834	50.0
1,4-Methanonaph...	14.780	31.0	ug/L	486555	3	12.024	784834	50.0
Biphenyl	15.207	5.9	ug/L	91915	3	12.024	784834	50.0
Naphthalene, 1,...	15.615	3.5	ug/L	54698	3	12.024	784834	50.0
Hexa-2,4-diyn-1...	16.328	6.8	ug/L	106981	3	12.024	784834	50.0