

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW080519\
 Data File : VW011704.D
 Acq On : 05 Aug 2019 11:42
 Operator : SY/VA
 Sample : K4116-11RE
 Misc : 3.50G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JLLE1RE

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\SOM2WLM073019S.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	36	41	53	rBV	66215	122287	11.70%	1.994%
2	2.349	67	73	83	rVB	88200	153251	14.66%	2.499%
3	2.885	153	161	175	rBV	57327	147394	14.10%	2.404%
4	3.263	219	223	227	rBV5	1245	2380	0.23%	0.039%
5	3.379	239	242	243	rBV2	930	923	0.09%	0.015%
6	3.544	263	269	270	rBV5	881	1947	0.19%	0.032%
7	3.580	273	275	281	rVB3	1198	1465	0.14%	0.024%
8	3.678	288	291	293	rBV2	1014	1120	0.11%	0.018%
9	3.855	315	320	321	rBV4	1385	1623	0.16%	0.026%
10	4.019	336	347	360	rBV	124687	384920	36.83%	6.277%
11	4.251	383	385	387	rBV3	687	625	0.06%	0.010%
12	4.391	398	408	417	rBV5	2458	8134	0.78%	0.133%
13	4.501	423	426	428	rVB3	755	722	0.07%	0.012%
14	4.915	480	494	507	rBV3	18738	70107	6.71%	1.143%
15	5.129	523	529	530	rBV3	751	1381	0.13%	0.023%
16	5.147	530	532	536	rVV5	819	1006	0.10%	0.016%
17	5.263	548	551	555	rVB	613	874	0.08%	0.014%
18	5.342	560	564	568	rVB3	680	872	0.08%	0.014%
19	5.763	626	633	636	rBV5	1120	2570	0.25%	0.042%
20	5.940	652	662	669	rBV5	4907	14564	1.39%	0.238%
21	6.830	804	808	811	rBV2	551	740	0.07%	0.012%
22	6.927	820	824	827	rBV3	401	635	0.06%	0.010%
23	7.074	839	848	853	rBV	49729	137088	13.12%	2.236%
24	7.135	854	858	873	rVB	60018	152595	14.60%	2.488%
25	7.647	930	942	955	rBV	193346	472653	45.22%	7.708%
26	7.732	955	956	960	rVB3	799	608	0.06%	0.010%
27	7.945	986	991	996	rBV6	1140	2405	0.23%	0.039%
28	8.275	1034	1045	1061	rBV2	342486	1045231	100.00%	17.045%
29	8.390	1062	1064	1069	rBV6	861	873	0.08%	0.014%
30	8.598	1095	1098	1101	rVB5	630	870	0.08%	0.014%
31	8.842	1129	1138	1148	rVV	258503	511588	48.94%	8.343%
32	9.067	1170	1175	1182	rVB7	1286	3439	0.33%	0.056%
33	9.274	1200	1209	1219	rBV	266060	547925	52.42%	8.935%
34	9.421	1231	1233	1238	rVB3	861	1487	0.14%	0.024%

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35	9.665	1267	1273	1279	rVB7	1319	3174	0.30%	0.052%
36	9.738	1282	1285	1286	rBV	589	615	0.06%	0.010%
37	9.756	1286	1288	1292	rVB2	705	969	0.09%	0.016%
38	9.841	1297	1302	1305	rBV4	398	694	0.07%	0.011%
39	9.884	1305	1309	1316	rVB5	2237	4304	0.41%	0.070%
40	9.945	1316	1319	1321	rBV2	486	683	0.07%	0.011%
41	10.037	1327	1334	1342	rVB	92535	166585	15.94%	2.717%
42	10.213	1358	1363	1367	rBV3	1480	2715	0.26%	0.044%
43	10.244	1367	1368	1369	rVV	1155	684	0.07%	0.011%
44	10.323	1373	1381	1388	rVV	343395	602163	57.61%	9.820%
45	10.384	1388	1391	1398	rVB2	5346	9253	0.89%	0.151%
46	10.500	1408	1410	1416	rBV5	1035	1490	0.14%	0.024%
47	10.579	1416	1423	1430	rBV	47965	84200	8.06%	1.373%
48	10.707	1436	1444	1450	rBV2	33179	60786	5.82%	0.991%
49	10.853	1465	1468	1472	rVB5	1768	2805	0.27%	0.046%
50	10.927	1472	1480	1492	rBV	126525	223197	21.35%	3.640%
51	11.061	1494	1502	1509	rVV2	26122	45548	4.36%	0.743%
52	11.177	1517	1521	1526	rVB4	2787	3751	0.36%	0.061%
53	11.439	1555	1564	1571	rVB2	8290	16360	1.57%	0.267%
54	11.524	1575	1578	1580	rBV3	792	910	0.09%	0.015%
55	11.634	1588	1596	1606	rBV	208753	366088	35.02%	5.970%
56	11.731	1609	1612	1616	rVB3	2205	2868	0.27%	0.047%
57	11.798	1621	1623	1625	rBV2	617	677	0.06%	0.011%
58	11.835	1625	1629	1634	rBV3	4875	9158	0.88%	0.149%
59	12.176	1679	1685	1691	rVB6	4197	9642	0.92%	0.157%
60	12.243	1694	1696	1701	rVB4	663	758	0.07%	0.012%
61	12.469	1726	1733	1737	rBV6	2843	5285	0.51%	0.086%
62	12.609	1748	1756	1762	rBV	32417	53700	5.14%	0.876%
63	12.695	1762	1770	1776	rBV	142768	240228	22.98%	3.918%
64	12.756	1776	1780	1786	rVB3	3518	5256	0.50%	0.086%
65	12.871	1795	1799	1802	rBV4	1328	1760	0.17%	0.029%
66	12.932	1804	1809	1817	rVB4	7427	12366	1.18%	0.202%
67	13.036	1823	1826	1830	rVB5	1024	1378	0.13%	0.022%
68	13.079	1830	1833	1841	rVB6	1097	2195	0.21%	0.036%
69	13.188	1845	1851	1857	rBV7	1610	3195	0.31%	0.052%
70	13.255	1857	1862	1865	rBV5	1928	3104	0.30%	0.051%
71	13.298	1865	1869	1874	rVB4	4342	7030	0.67%	0.115%

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Integration Parameters: LSCINT.P

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72	13.408	1880	1887	1892	rBV5	3508	6711	0.64%	0.109%
73	13.469	1892	1897	1900	rBV6	1881	3071	0.29%	0.050%
74	13.560	1905	1912	1918	rBV	81694	138750	13.27%	2.263%
75	13.768	1940	1946	1949	rBV5	2706	5292	0.51%	0.086%
76	13.798	1949	1951	1954	rVB3	1215	1091	0.10%	0.018%
77	13.853	1954	1960	1966	rBV	98166	159951	15.30%	2.608%
78	13.950	1974	1976	1981	rVB5	2373	2918	0.28%	0.048%
79	14.018	1984	1987	1989	rVV3	1327	1414	0.14%	0.023%
80	14.072	1991	1996	2004	rVB	11736	20233	1.94%	0.330%
81	14.206	2014	2018	2024	rVB6	914	1854	0.18%	0.030%
82	14.298	2031	2033	2034	rBV2	824	640	0.06%	0.010%
83	14.328	2034	2038	2045	rVB8	1797	3472	0.33%	0.057%
84	14.487	2060	2064	2066	rBV3	692	931	0.09%	0.015%
85	14.627	2085	2087	2090	rVB3	689	751	0.07%	0.012%
86	14.725	2101	2103	2108	rVB3	1098	1261	0.12%	0.021%
87	14.798	2110	2115	2116	rBV5	721	1227	0.12%	0.020%
88	14.877	2125	2128	2130	rBV3	782	805	0.08%	0.013%
89	15.170	2174	2176	2178	rVB3	826	654	0.06%	0.011%
90	15.206	2178	2182	2183	rBV4	510	661	0.06%	0.011%
91	15.334	2200	2203	2205	rBV3	807	1413	0.14%	0.023%
92	15.365	2207	2208	2210	rVV2	1480	1006	0.10%	0.016%
93	15.444	2214	2221	2226	rVV2	10806	19219	1.84%	0.313%
94	15.505	2229	2231	2235	rVB5	1010	1073	0.10%	0.017%
95	15.682	2258	2260	2264	rVB4	693	1017	0.10%	0.017%
96	16.194	2340	2344	2345	rBV4	779	831	0.08%	0.014%
97	16.371	2372	2373	2376	rBV3	840	706	0.07%	0.012%
98	16.493	2389	2393	2396	rBV4	581	1038	0.10%	0.017%
99	16.627	2411	2415	2419	rBV5	734	1382	0.13%	0.023%
100	16.773	2438	2439	2441	rBV2	827	872	0.08%	0.014%

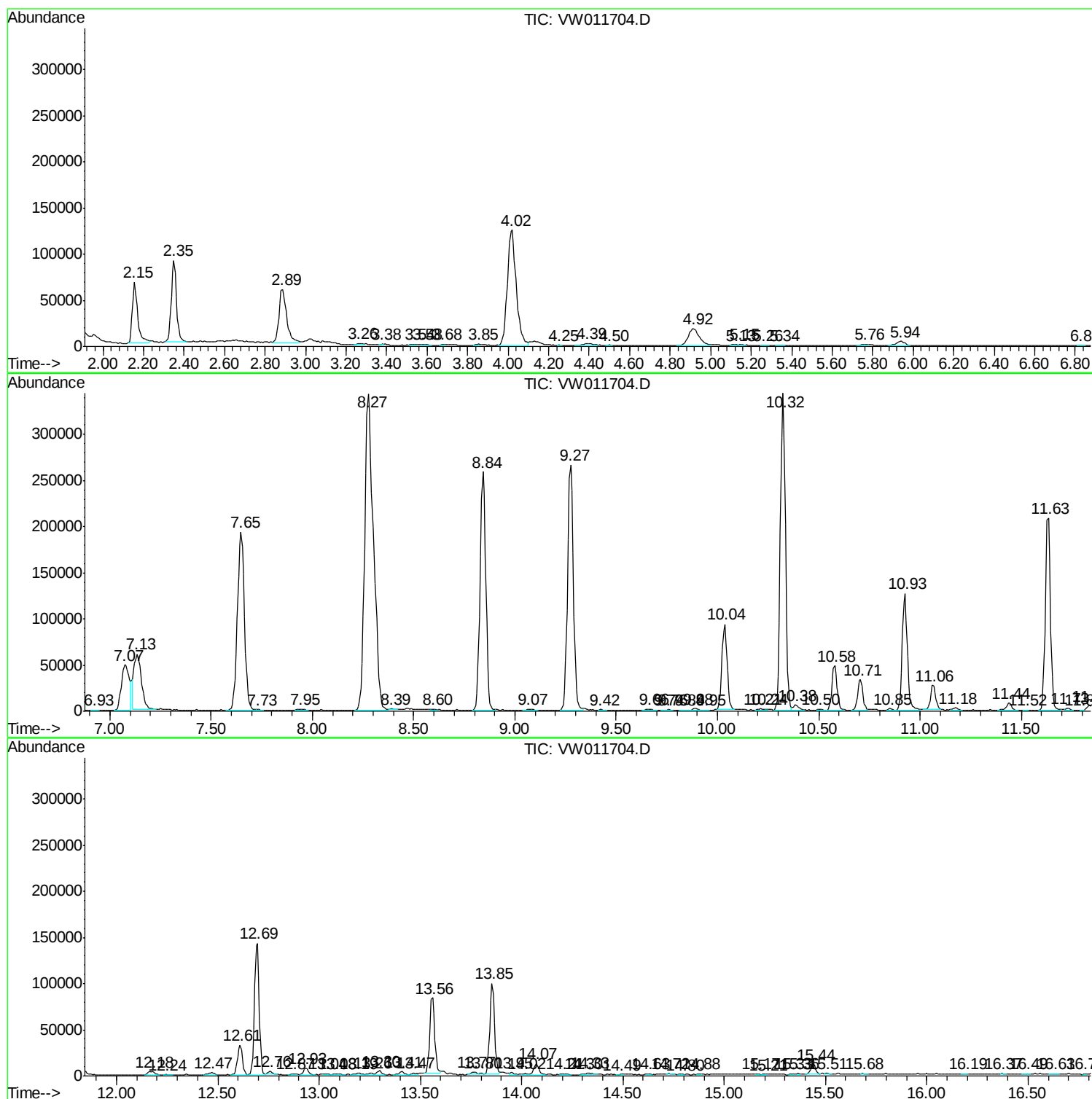
Sum of corrected areas: 6132120

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis

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



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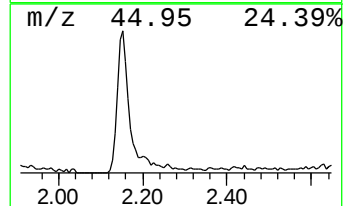
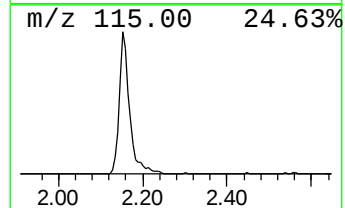
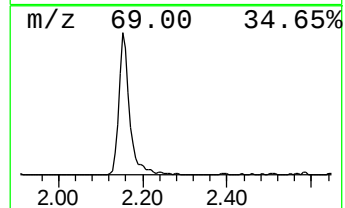
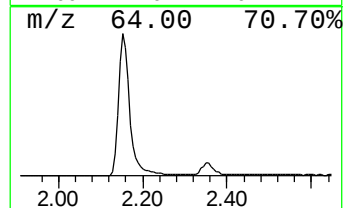
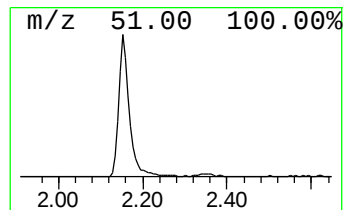
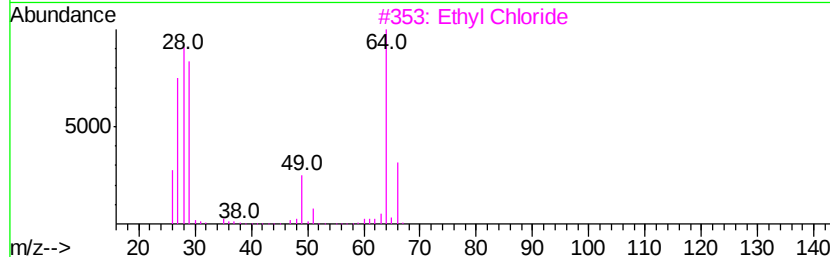
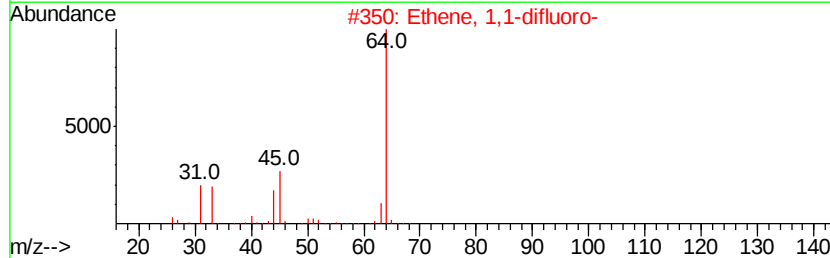
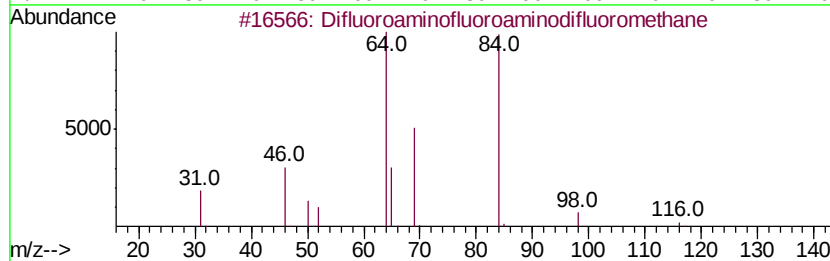
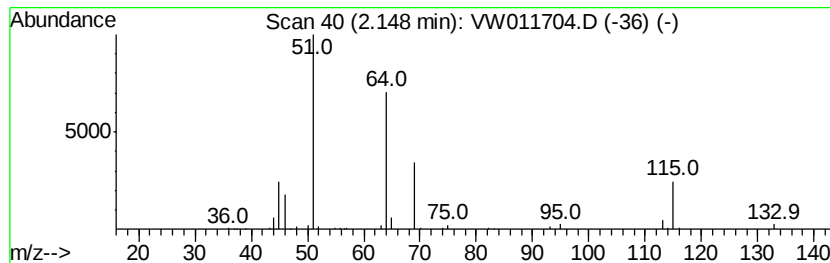
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis

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

Peak Number 1 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.15	5.98 ug/L	122287	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Difluoroaminofluoroaminodifluoro...	136	CHF5N2	037931-37-6	8
2		Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	8
3		Ethyl Chloride	64	C2H5Cl	000075-00-3	5
4		Ethene, 1,2-difluoro-	64	C2H2F2	001691-13-0	5
5		Ethyl Chloride	64	C2H5Cl	000075-00-3	4



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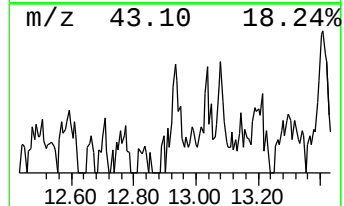
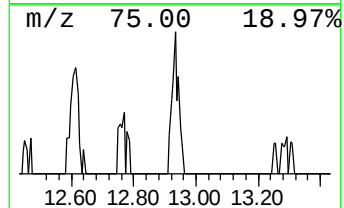
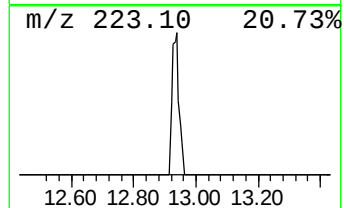
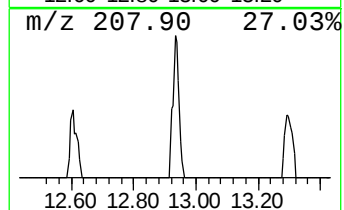
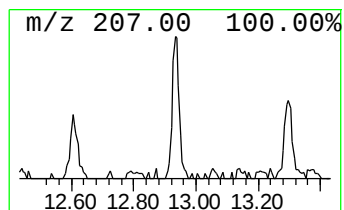
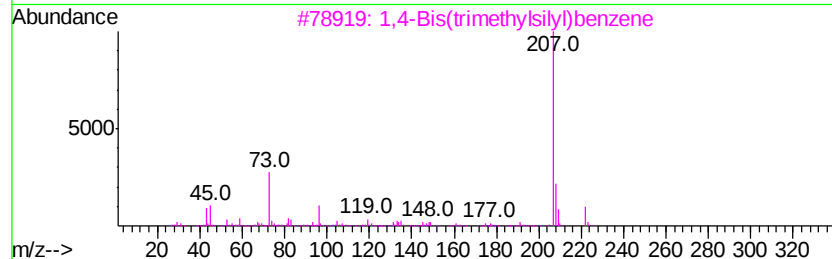
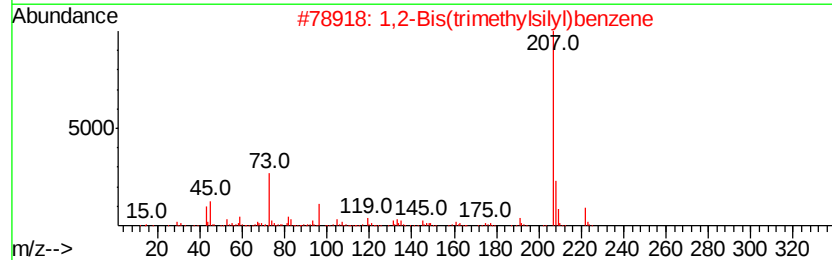
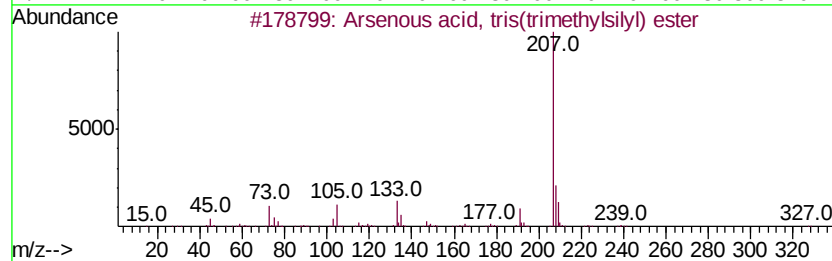
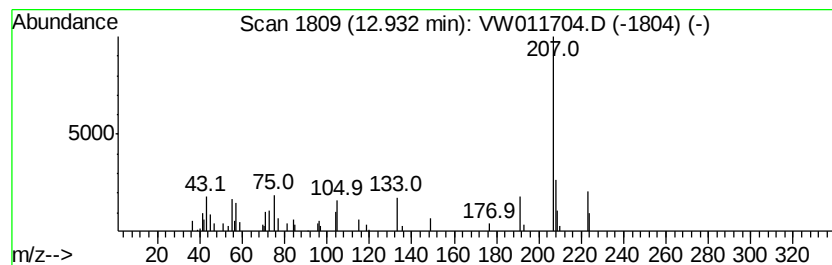
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 unknown-03 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.93	2.23 ug/L	12366	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Arsenous acid, tris(trimethylsil...	342	C9H27AsO3Si3	055429-29-3	42
2		1,2-Bis(trimethylsilyl)benzene	222	C12H22Si2	017151-09-6	42
3		1,4-Bis(trimethylsilyl)benzene	222	C12H22Si2	013183-70-5	40
4		Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	40
5		Benzenepropanoic acid, tert-buty...	264	C15H24O2Si	078324-01-3	40



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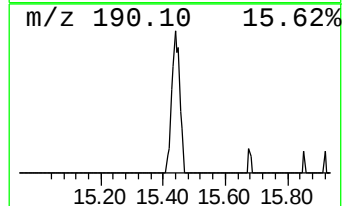
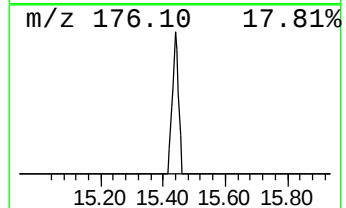
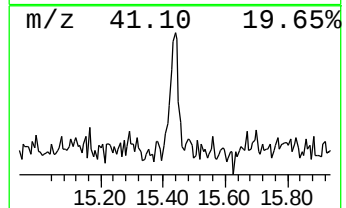
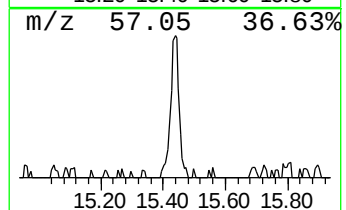
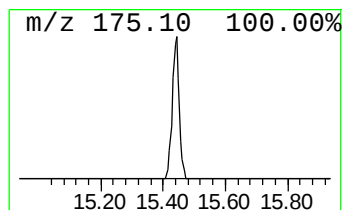
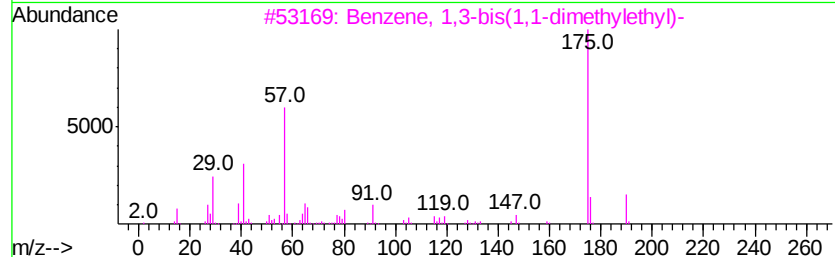
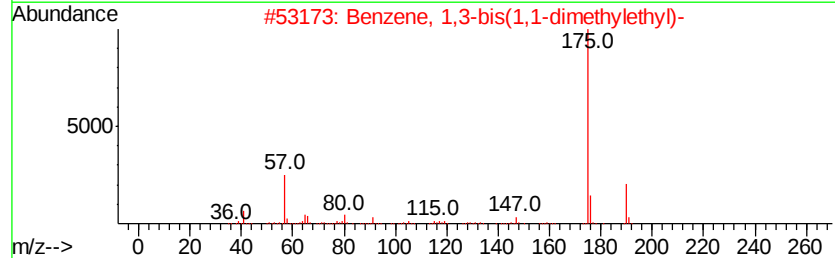
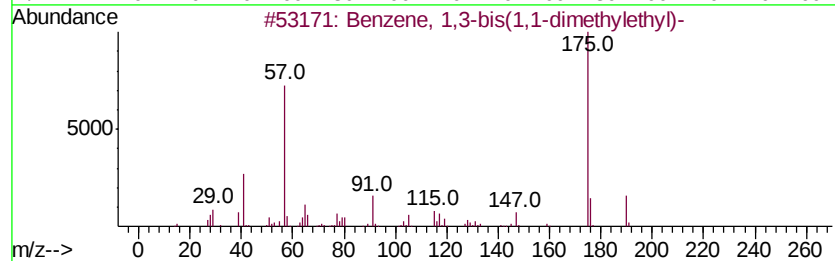
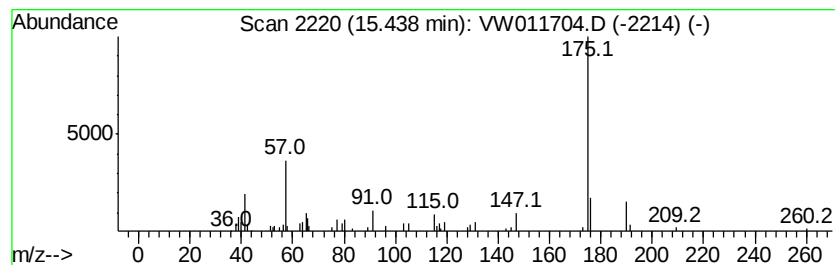
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TIC Integration Parameters: LSCINT.P

Peak Number 10 Benzene, 1,3-bis(1,1-dimeth... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.44	3.46 ug/L	19219	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-bis(1,1-dimethylethyl)-	190	C14H22	001014-60-4	91
2		Benzene, 1,3-bis(1,1-dimethylethyl)-	190	C14H22	001014-60-4	80
3		Benzene, 1,3-bis(1,1-dimethylethyl)-	190	C14H22	001014-60-4	74
4		m-Cymene, 5-tert-butyl-	190	C14H22	029577-19-3	72
5		Precocene I	190	C12H14O2	017598-02-6	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080519\
Data File : VW011704.D
Acq On : 05 Aug 2019 11:42
Operator : SY/VA
Sample : K4116-11RE
Misc : 3.50G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
JLLE1RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.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
unknown-01	2.15	6.0	ug/L	122287	1	8.84	511588	25.0
unknown-03	12.93	2.2	ug/L	12366	3	13.56	138750	25.0
Benzene, 1,3-bis(...	15.44	3.5	ug/L	19219	3	13.56	138750	25.0