

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW071919\
 Data File : VW011380.D
 Acq On : 19 Jul 2019 16:15
 Operator : SY/VA
 Sample : K3863-14
 Misc : 6.16G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A52F4

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\SOM2WLM070219S.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	1.989	5	14	28	rVB	34289	84037	8.83%	0.875%
2	2.148	37	40	44	rBV2	2444	3675	0.39%	0.038%
3	2.349	64	73	86	rBV	53448	96463	10.14%	1.004%
4	2.495	91	97	105	rBV	19978	44327	4.66%	0.461%
5	2.800	145	147	152	rVB3	1727	2310	0.24%	0.024%
6	2.885	154	161	175	rVV	36569	95120	9.99%	0.990%
7	3.379	236	242	251	rVB8	1952	5298	0.56%	0.055%
8	3.721	291	298	310	rVB5	1905	5560	0.58%	0.058%
9	4.019	334	347	358	rBV2	97563	348833	36.65%	3.630%
10	4.117	358	363	377	rVB	35828	99361	10.44%	1.034%
11	4.269	382	388	396	rVV3	2586	8581	0.90%	0.089%
12	4.379	398	406	420	rVB2	13982	43240	4.54%	0.450%
13	4.678	447	455	463	rBV3	2084	6250	0.66%	0.065%
14	5.781	626	636	648	rBV3	2762	9516	1.00%	0.099%
15	5.928	654	660	662	rBV4	1523	2614	0.27%	0.027%
16	6.110	682	690	697	rBV6	1370	4693	0.49%	0.049%
17	6.214	697	707	721	rVB	11918	37421	3.93%	0.389%
18	6.897	810	819	827	rBV3	5066	15439	1.62%	0.161%
19	7.074	838	848	856	rVV	46908	136427	14.33%	1.420%
20	7.165	856	863	875	rVB4	27583	86155	9.05%	0.897%
21	7.647	931	942	956	rBV	159430	395786	41.59%	4.119%
22	7.872	967	979	994	rBV	262256	669434	70.34%	6.966%
23	8.275	1035	1045	1060	rBV2	314114	951722	100.00%	9.904%
24	8.555	1083	1091	1098	rBV2	11456	26227	2.76%	0.273%
25	8.708	1107	1116	1124	rBV4	4582	11029	1.16%	0.115%
26	8.842	1129	1138	1149	rVV	421278	821901	86.36%	8.553%
27	9.092	1165	1179	1193	rBV2	41798	101326	10.65%	1.054%
28	9.275	1200	1209	1225	rBV	242570	498641	52.39%	5.189%
29	9.409	1225	1231	1242	rVB	20129	39278	4.13%	0.409%
30	9.659	1266	1272	1278	rBV4	3355	7438	0.78%	0.077%
31	10.037	1326	1334	1343	rVV	116619	212044	22.28%	2.207%
32	10.128	1344	1349	1357	rVV3	8226	18744	1.97%	0.195%
33	10.207	1357	1362	1371	rVV2	8490	16402	1.72%	0.171%
34	10.323	1373	1381	1388	rVV	401841	697729	73.31%	7.261%

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35	10.390	1388	1392	1400	rVV2	6212	11788	1.24%	0.123%
36	10.500	1404	1410	1416	rBV6	3129	6829	0.72%	0.071%
37	10.579	1416	1423	1435	rBV	75417	138369	14.54%	1.440%
38	10.707	1439	1444	1449	rVV	8161	13331	1.40%	0.139%
39	10.860	1460	1469	1474	rBV	72541	127864	13.44%	1.331%
40	10.927	1474	1480	1493	rVV	175355	302818	31.82%	3.151%
41	11.073	1497	1504	1514	rVV	150831	248834	26.15%	2.589%
42	11.177	1514	1521	1525	rVV6	3478	7561	0.79%	0.079%
43	11.225	1525	1529	1536	rVB5	5606	10247	1.08%	0.107%
44	11.329	1542	1546	1552	rBV6	1948	3311	0.35%	0.034%
45	11.433	1558	1563	1568	rVB7	2730	4743	0.50%	0.049%
46	11.512	1572	1576	1580	rBV4	1350	2109	0.22%	0.022%
47	11.628	1588	1595	1607	rBV	510445	888228	93.33%	9.243%
48	11.768	1614	1618	1621	rVV4	1843	3013	0.32%	0.031%
49	11.847	1621	1631	1632	rVV7	4981	12601	1.32%	0.131%
50	11.872	1632	1635	1640	rVV5	8941	17333	1.82%	0.180%
51	11.914	1640	1642	1650	rVB4	3380	4991	0.52%	0.052%
52	12.140	1672	1679	1689	rBV5	7301	20626	2.17%	0.215%
53	12.231	1689	1694	1700	rVB9	2888	6685	0.70%	0.070%
54	12.304	1700	1706	1707	rBV4	3143	5078	0.53%	0.053%
55	12.341	1707	1712	1718	rBV3	15460	30085	3.16%	0.313%
56	12.463	1728	1732	1738	rVB6	3159	6054	0.64%	0.063%
57	12.518	1738	1741	1745	rVB4	1852	3157	0.33%	0.033%
58	12.609	1751	1756	1762	rVB2	19780	33253	3.49%	0.346%
59	12.695	1762	1770	1778	rBV	184798	323569	34.00%	3.367%
60	12.780	1779	1784	1790	rVB5	13686	27117	2.85%	0.282%
61	12.890	1790	1802	1806	rBV2	17622	43808	4.60%	0.456%
62	12.932	1806	1809	1817	rVB10	8268	19309	2.03%	0.201%
63	12.993	1817	1819	1824	rVB4	3184	3761	0.40%	0.039%
64	13.079	1830	1833	1837	rBV6	3915	5510	0.58%	0.057%
65	13.176	1843	1849	1850	rBV5	3222	5614	0.59%	0.058%
66	13.274	1858	1865	1870	rBV6	7909	20803	2.19%	0.216%
67	13.396	1879	1885	1890	rBV7	8195	20107	2.11%	0.209%
68	13.445	1891	1893	1897	rVV4	5976	9538	1.00%	0.099%
69	13.499	1897	1902	1905	rVV	13858	21450	2.25%	0.223%
70	13.560	1905	1912	1920	rVB	414149	667277	70.11%	6.944%
71	13.646	1920	1926	1930	rBV3	10102	20466	2.15%	0.213%

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72	13.755	1939	1944	1950	rVB2	23489	38494	4.04%	0.401%
73	13.853	1953	1960	1975	rVB	284120	527276	55.40%	5.487%
74	13.981	1977	1981	1986	rBV8	5127	10766	1.13%	0.112%
75	14.072	1991	1996	2008	rVB3	13567	32271	3.39%	0.336%
76	14.213	2013	2019	2023	rBV8	6500	12941	1.36%	0.135%
77	14.261	2024	2027	2033	rVV8	4016	8052	0.85%	0.084%
78	14.329	2033	2038	2042	rVV7	13089	21401	2.25%	0.223%
79	14.383	2043	2047	2050	rVV3	10678	17382	1.83%	0.181%
80	14.420	2050	2053	2058	rVV3	9882	17096	1.80%	0.178%
81	14.530	2063	2071	2079	rBV4	22293	60021	6.31%	0.625%
82	14.603	2079	2083	2089	rVB8	5082	8511	0.89%	0.089%
83	14.706	2096	2100	2101	rBV3	2253	3022	0.32%	0.031%
84	14.731	2101	2104	2105	rVV3	2531	2520	0.26%	0.026%
85	14.786	2109	2113	2115	rBV4	4601	6571	0.69%	0.068%
86	14.859	2121	2125	2129	rVB6	5058	7399	0.78%	0.077%
87	15.011	2142	2150	2152	rBV6	9531	18680	1.96%	0.194%
88	15.127	2166	2169	2173	rBV6	3005	4458	0.47%	0.046%
89	15.170	2174	2176	2182	rVB7	4166	6187	0.65%	0.064%
90	15.255	2187	2190	2197	rVB7	6990	12905	1.36%	0.134%
91	15.328	2198	2202	2206	rBV7	4768	7852	0.83%	0.082%
92	15.414	2206	2216	2223	rBV7	7083	26628	2.80%	0.277%
93	15.633	2249	2252	2254	rBV4	3240	4949	0.52%	0.052%
94	15.737	2266	2269	2272	rBV5	2537	3402	0.36%	0.035%
95	15.871	2286	2291	2294	rBV7	3691	7355	0.77%	0.077%
96	16.005	2311	2313	2314	rBV2	2402	2169	0.23%	0.023%
97	16.139	2332	2335	2336	rBV3	3693	3616	0.38%	0.038%
98	16.377	2369	2374	2382	rBV8	7876	20460	2.15%	0.213%
99	16.468	2382	2389	2390	rBV5	2943	6251	0.66%	0.065%
100	16.639	2412	2417	2423	rVV10	4827	10557	1.11%	0.110%

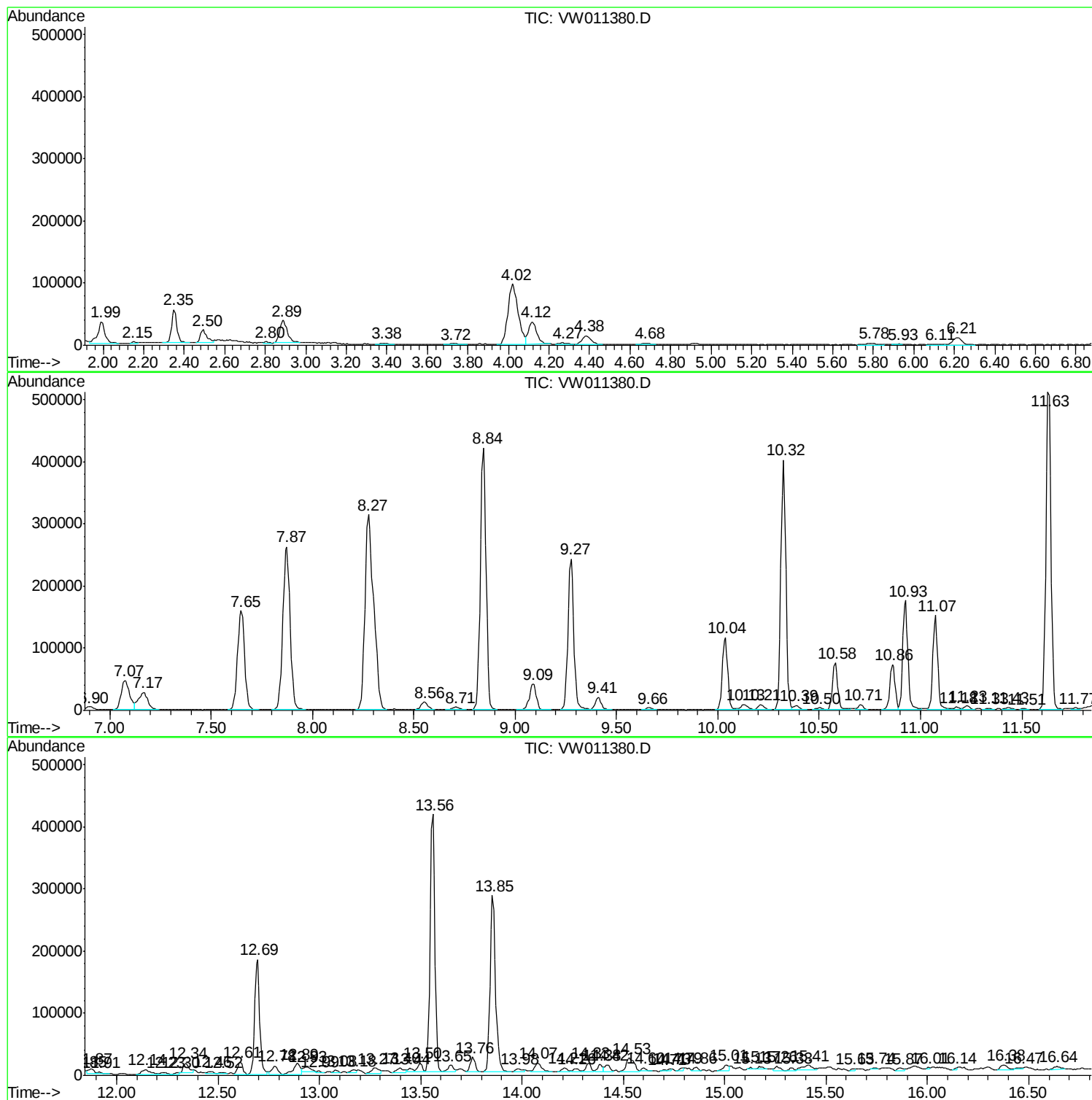
Sum of corrected areas: 9609450

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis

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



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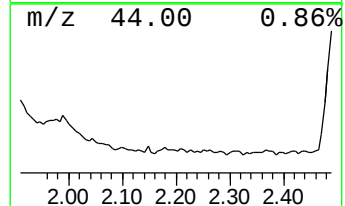
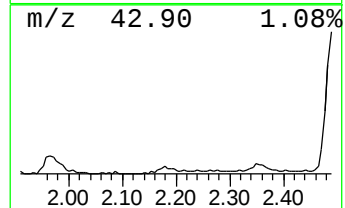
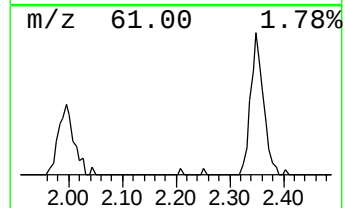
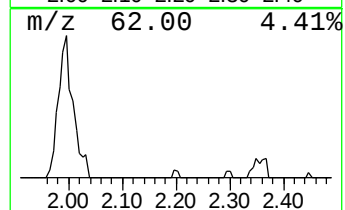
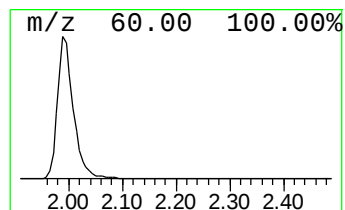
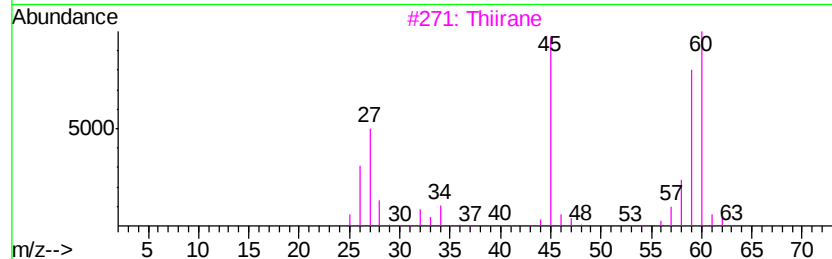
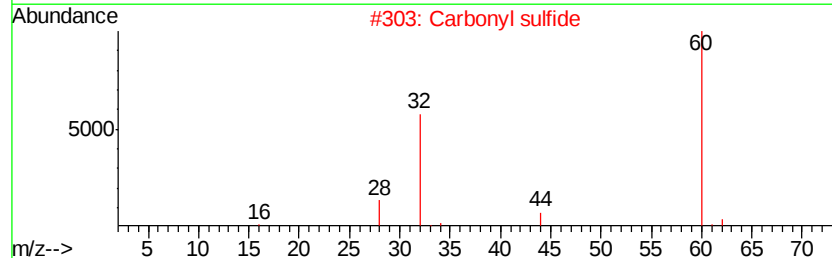
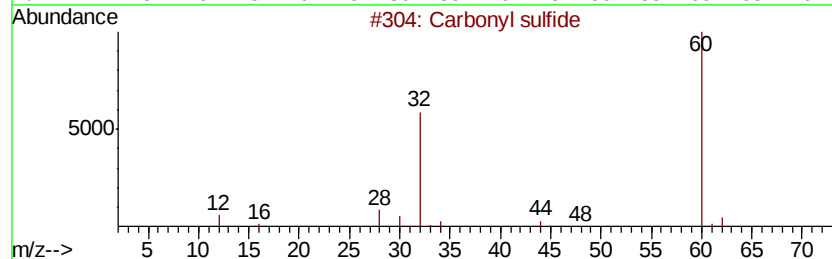
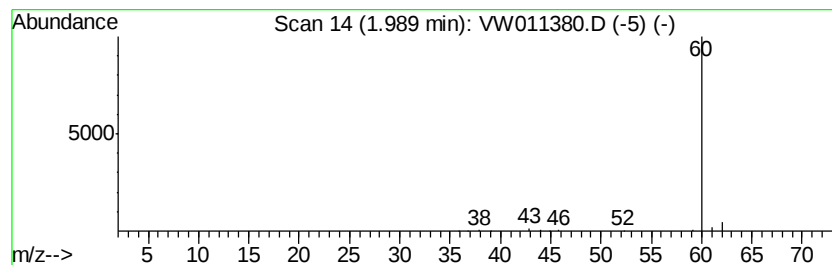
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis

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

Peak Number 1 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.99	2.56 ug/L	84037	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Carbonyl sulfide	60	COS	000463-58-1	5
2		Carbonyl sulfide	60	COS	000463-58-1	5
3		Thiirane	60	C2H4S	000420-12-2	4
4		Urea	60	CH4N2O	000057-13-6	4
5		Urea	60	CH4N2O	000057-13-6	4



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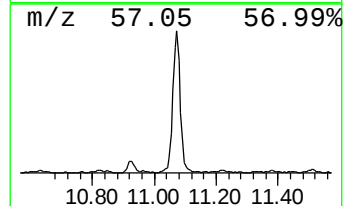
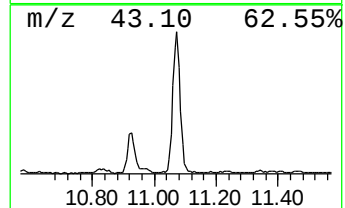
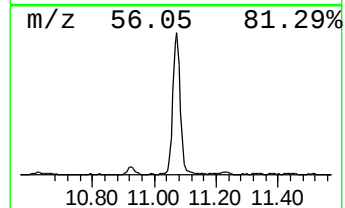
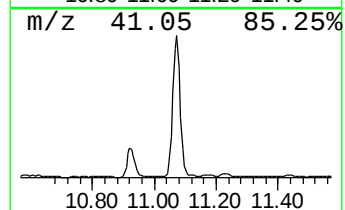
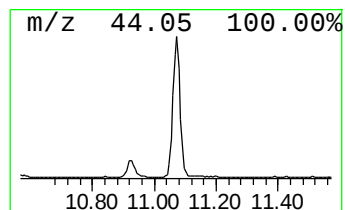
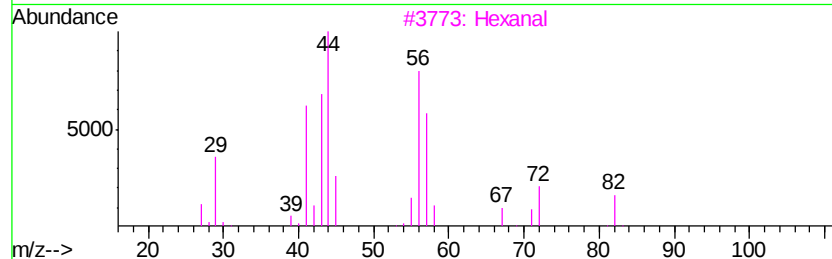
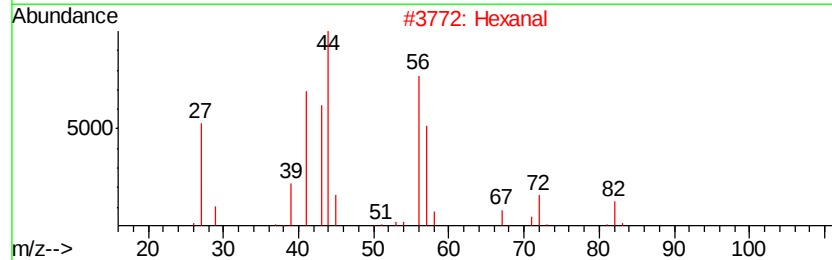
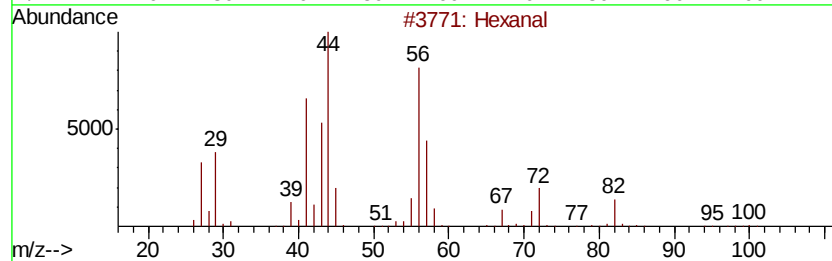
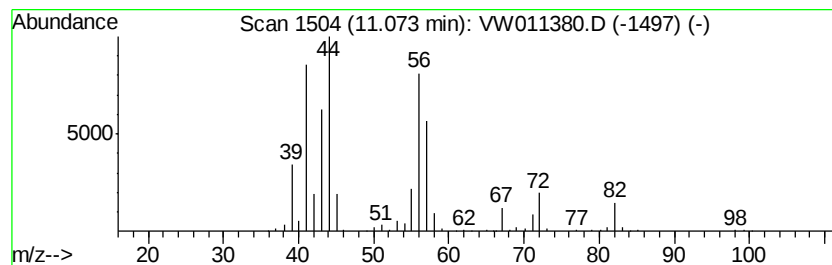
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Hexanal Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.07	7.00 ug/L	248834	Chlorobenzene-d5	11.63

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal		100	C6H12O	000066-25-1	90
2	Hexanal		100	C6H12O	000066-25-1	86
3	Hexanal		100	C6H12O	000066-25-1	78
4	Hexanal		100	C6H12O	000066-25-1	72
5	Cyclobutanol, 2-ethyl-		100	C6H12O	035301-43-0	50



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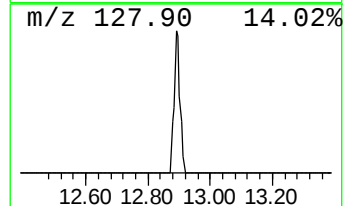
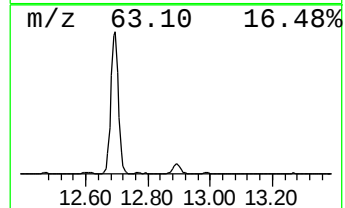
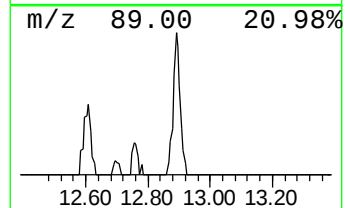
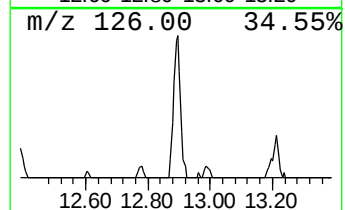
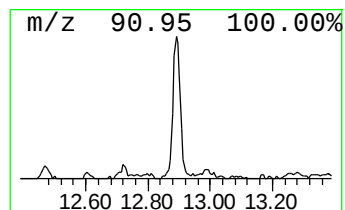
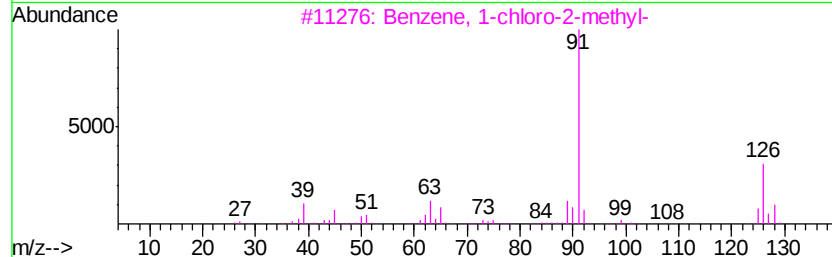
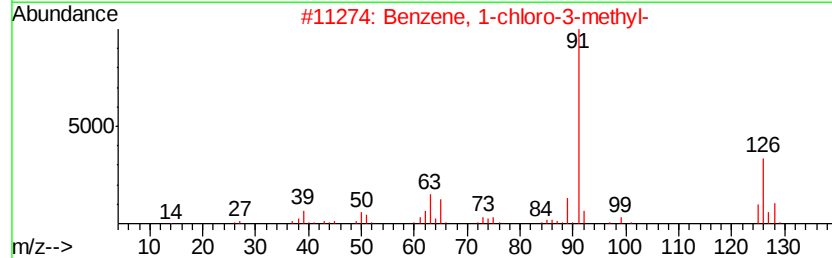
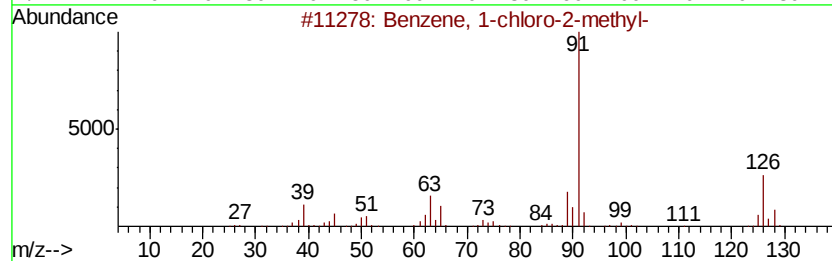
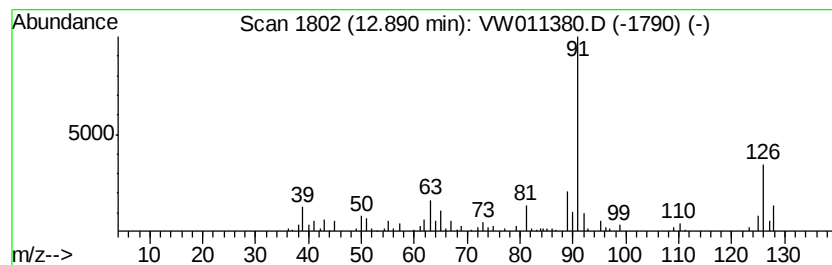
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Peak Number 5 Benzene, 1-chloro-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.89	1.64 ug/L	43808	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-chloro-2-methyl-	126	C7H7Cl	000095-49-8	96
2		Benzene, 1-chloro-3-methyl-	126	C7H7Cl	000108-41-8	95
3		Benzene, 1-chloro-2-methyl-	126	C7H7Cl	000095-49-8	93
4		Benzene, 1-chloro-2-methyl-	126	C7H7Cl	000095-49-8	91
5		Benzene, 1-chloro-2-methyl-	126	C7H7Cl	000095-49-8	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW071919\
Data File : VW011380.D
Acq On : 19 Jul 2019 16:15
Operator : SY/VA
Sample : K3863-14
Misc : 6.16G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A52F4

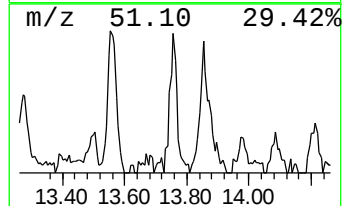
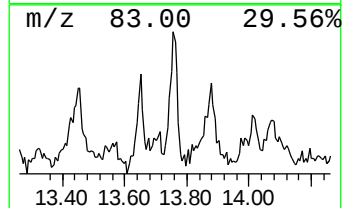
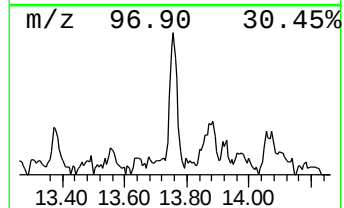
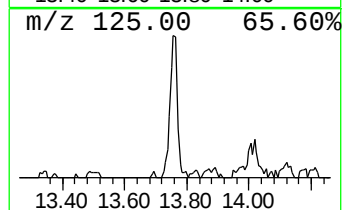
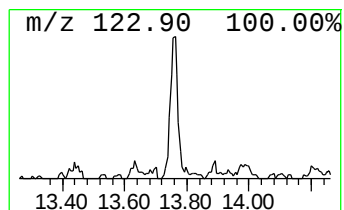
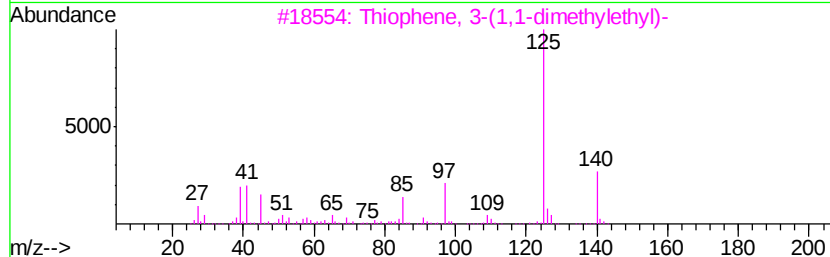
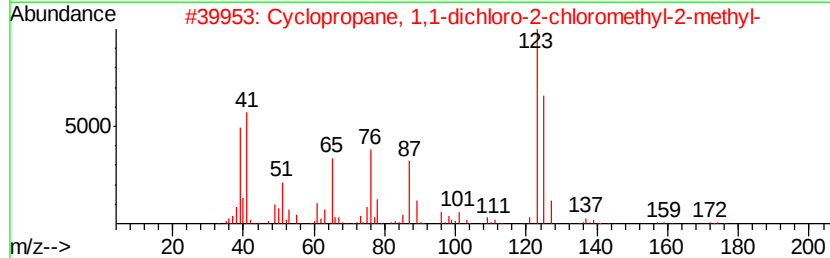
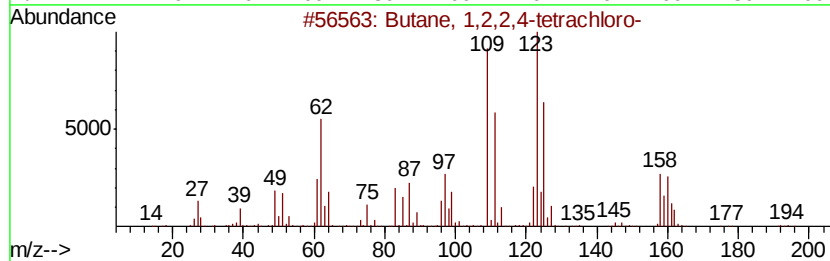
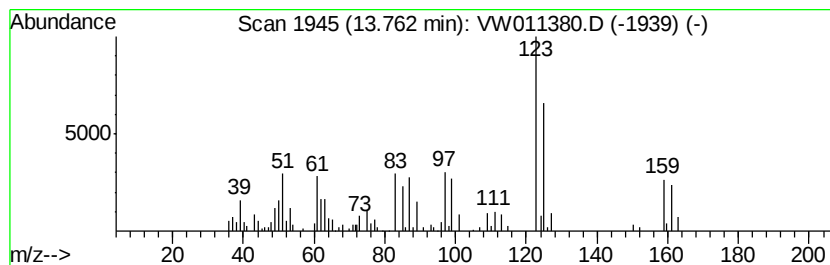
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Quant Title : VOC Analysis

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

Peak Number 6 unknown-02 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	1.44 ug/L	38494	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 1,2,2,4-tetrachloro-	194	C4H6Cl4	042525-60-0	40
2		Cyclopropane, 1,1-dichloro-2-chl...	172	C5H7Cl3	015997-19-0	25
3		Thiophene, 3-(1,1-dimethylethyl)-	140	C8H12S	001689-79-8	14
4		1-Propene, 3,3,3-trichloro-2-met...	158	C4H5Cl3	004749-27-3	12
5		4-Pyridinecarboxaldehyde N-oxide	123	C6H5NO2	007216-42-4	10



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW071919\
Data File : VW011380.D
Acq On : 19 Jul 2019 16:15
Operator : SY/VA
Sample : K3863-14
Misc : 6.16G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A52F4

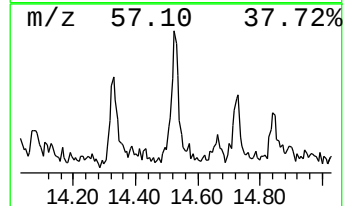
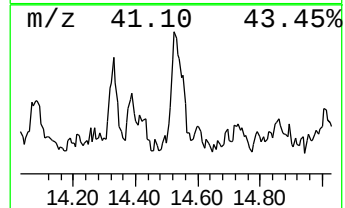
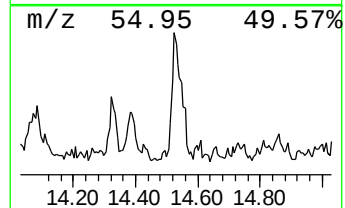
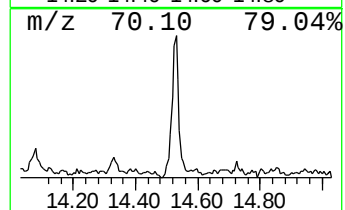
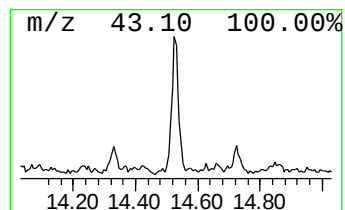
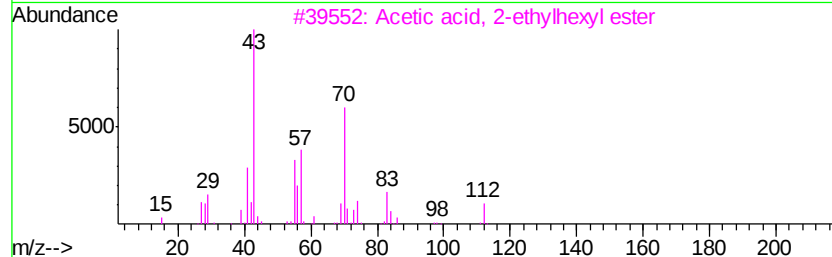
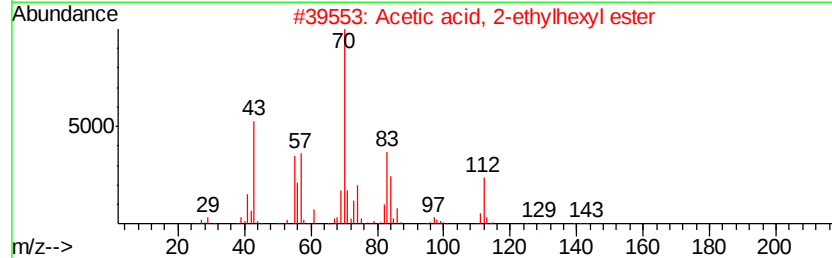
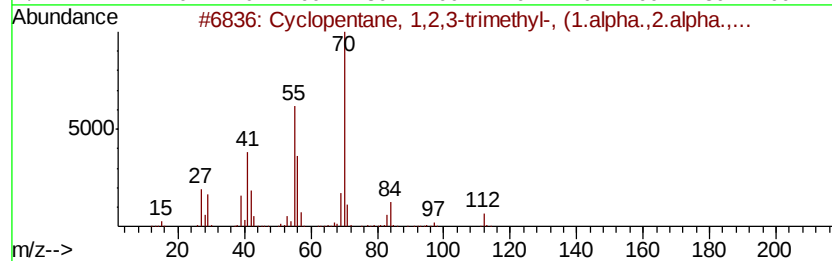
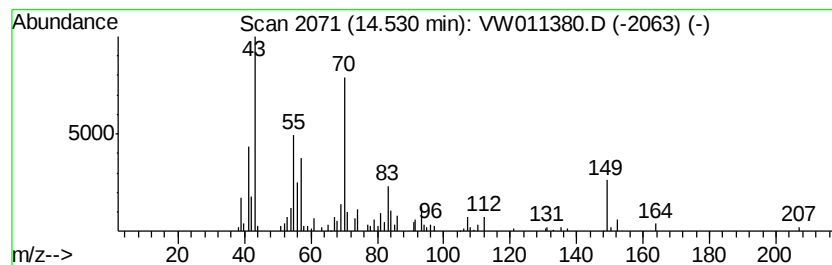
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis

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

Peak Number 7 (DEL) Alkane: Cyclic14.53 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.53	2.25 ug/L	60021	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	64
2		Acetic acid, 2-ethylhexyl ester	172	C10H20O2	000103-09-3	53
3		Acetic acid, 2-ethylhexyl ester	172	C10H20O2	000103-09-3	53
4		5-Chloropentanoic acid, 2-ethylh...	248	C13H25ClO2	1000293-48-9	53
5		Heptane, 3-methylene-	112	C8H16	001632-16-2	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071919\
Data File : VW011380.D
Acq On : 19 Jul 2019 16:15
Operator : SY/VA
Sample : K3863-14
Misc : 6.16G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A52F4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.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	1.99	2.6	ug/L	84037	1	8.84	821901	25.0
Hexanal	11.07	7.0	ug/L	248834	2	11.63	888228	25.0
Benzene, 1-chloro...	12.89	1.6	ug/L	43808	3	13.56	667277	25.0
unknown-02	13.76	1.4	ug/L	38494	3	13.56	667277	25.0
(DEL) Alkane: Cyc...	14.53	2.3	ug/L	60021	3	13.56	667277	25.0