

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW071719\
 Data File : VW011326.D
 Acq On : 18 Jul 2019 00:33
 Operator : SY/VA
 Sample : K3863-08
 Misc : 3.99G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A52H2

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	1.983	6	13	25	rVB2	15646	43451	5.09%	0.748%
2	2.142	34	39	49	rBV	20178	42279	4.95%	0.728%
3	2.343	67	72	81	rVB	48071	82055	9.61%	1.413%
4	2.489	91	96	104	rBV	13432	30580	3.58%	0.527%
5	2.879	154	160	170	rVB	31954	80585	9.44%	1.388%
6	3.379	239	242	249	rVB5	1147	2076	0.24%	0.036%
7	3.660	285	288	289	rBV2	395	496	0.06%	0.009%
8	3.714	289	297	299	rBV5	2148	4283	0.50%	0.074%
9	3.849	314	319	322	rBV5	1025	1784	0.21%	0.031%
10	4.013	335	346	357	rVV	74587	248002	29.06%	4.272%
11	4.117	358	363	375	rVB2	20210	57289	6.71%	0.987%
12	4.294	388	392	394	rVB3	549	732	0.09%	0.013%
13	4.379	398	406	407	rBV	3695	6928	0.81%	0.119%
14	4.562	434	436	439	rBV3	628	574	0.07%	0.010%
15	4.666	444	453	468	rBV2	7430	23865	2.80%	0.411%
16	4.915	484	494	505	rBV7	2817	10402	1.22%	0.179%
17	5.415	571	576	578	rBV5	402	580	0.07%	0.010%
18	5.775	627	635	649	rBV5	4765	16432	1.93%	0.283%
19	5.915	655	658	659	rBV2	617	642	0.08%	0.011%
20	6.104	686	689	692	rBV4	449	799	0.09%	0.014%
21	6.470	746	749	751	rBV	373	510	0.06%	0.009%
22	6.842	805	810	813	rBV3	348	579	0.07%	0.010%
23	6.891	813	818	819	rBV3	1123	1640	0.19%	0.028%
24	6.982	831	833	835	rBV2	614	568	0.07%	0.010%
25	7.074	839	848	856	rBV	54962	156768	18.37%	2.700%
26	7.293	883	884	890	rVB4	554	581	0.07%	0.010%
27	7.366	894	896	901	rVB3	469	534	0.06%	0.009%
28	7.415	901	904	907	rBV4	401	667	0.08%	0.011%
29	7.641	931	941	954	rBV	150859	359947	42.18%	6.200%
30	7.781	960	964	967	rVB2	382	527	0.06%	0.009%
31	7.860	972	977	979	rBV2	450	637	0.07%	0.011%
32	7.921	985	987	990	rVV2	574	609	0.07%	0.010%
33	7.958	990	993	997	rVB5	578	766	0.09%	0.013%
34	8.275	1033	1045	1061	rBV2	268030	853440	100.00%	14.701%

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 Title : VOC Analysis

35	8.397	1064	1065	1072	rVB4	703	824	0.10%	0.014%
36	8.549	1084	1090	1098	rVV7	4041	8945	1.05%	0.154%
37	8.720	1109	1118	1126	rVB6	2191	6097	0.71%	0.105%
38	8.842	1128	1138	1149	rBV	273335	550155	64.46%	9.477%
39	9.085	1172	1178	1182	rBV8	2884	5490	0.64%	0.095%
40	9.274	1199	1209	1221	rBV	211507	438798	51.42%	7.559%
41	9.409	1225	1231	1240	rVB3	4703	10186	1.19%	0.175%
42	9.610	1261	1264	1266	rBV3	594	532	0.06%	0.009%
43	9.659	1266	1272	1279	rVV3	3053	5857	0.69%	0.101%
44	9.884	1304	1309	1310	rBV2	477	663	0.08%	0.011%
45	10.030	1325	1333	1344	rBV	96118	176422	20.67%	3.039%
46	10.128	1345	1349	1355	rVV8	1688	3382	0.40%	0.058%
47	10.201	1359	1361	1362	rBV2	666	611	0.07%	0.011%
48	10.323	1371	1381	1387	rBV	299848	528928	61.98%	9.111%
49	10.384	1387	1391	1398	rVB	13228	23255	2.72%	0.401%
50	10.494	1404	1409	1410	rBV3	759	1067	0.13%	0.018%
51	10.573	1414	1422	1431	rBV	63157	112800	13.22%	1.943%
52	10.701	1437	1443	1450	rBV	11433	19504	2.29%	0.336%
53	10.841	1464	1466	1472	rVB6	552	939	0.11%	0.016%
54	10.927	1472	1480	1495	rBV	192270	339934	39.83%	5.856%
55	11.073	1498	1504	1515	rVV	33204	59206	6.94%	1.020%
56	11.158	1517	1518	1520	rVV2	643	554	0.06%	0.010%
57	11.177	1520	1521	1524	rVB2	728	493	0.06%	0.008%
58	11.628	1588	1595	1607	rVV	291127	503194	58.96%	8.668%
59	11.841	1625	1630	1641	rVV5	4697	10659	1.25%	0.184%
60	11.981	1649	1653	1655	rVB4	682	1033	0.12%	0.018%
61	12.061	1663	1666	1669	rBV3	555	686	0.08%	0.012%
62	12.170	1680	1684	1686	rBV3	1076	1824	0.21%	0.031%
63	12.341	1707	1712	1718	rBV6	3037	5208	0.61%	0.090%
64	12.481	1732	1735	1739	rBV2	535	796	0.09%	0.014%
65	12.609	1747	1756	1762	rBV	56540	95376	11.18%	1.643%
66	12.695	1762	1770	1779	rVV	164262	274679	32.18%	4.732%
67	12.877	1795	1800	1802	rBV4	379	677	0.08%	0.012%
68	12.926	1806	1808	1815	rVV6	1043	1948	0.23%	0.034%
69	13.048	1823	1828	1831	rBV3	563	838	0.10%	0.014%
70	13.097	1834	1836	1840	rVB4	583	693	0.08%	0.012%
71	13.274	1859	1865	1876	rVB5	2575	6451	0.76%	0.111%

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72	13.402	1882	1886	1891	rBV4	2852	4419	0.52%	0.076%
73	13.560	1905	1912	1919	rBV	157928	255943	29.99%	4.409%
74	13.652	1922	1927	1932	rVB4	3740	6627	0.78%	0.114%
75	13.761	1943	1945	1950	rVB4	789	912	0.11%	0.016%
76	13.853	1953	1960	1968	rBV	134904	223207	26.15%	3.845%
77	14.072	1991	1996	2003	rBV	20669	32988	3.87%	0.568%
78	14.328	2032	2038	2046	rBV7	4343	8795	1.03%	0.152%
79	14.420	2049	2053	2057	rVV5	1951	3700	0.43%	0.064%
80	14.456	2057	2059	2063	rVV3	2326	3273	0.38%	0.056%
81	14.524	2063	2070	2078	rVV3	5441	9599	1.12%	0.165%
82	14.694	2094	2098	2100	rBV3	1163	1975	0.23%	0.034%
83	14.725	2100	2103	2108	rVV4	2198	3053	0.36%	0.053%
84	14.798	2110	2115	2121	rVV6	2042	4110	0.48%	0.071%
85	14.853	2121	2124	2130	rVB6	2055	2956	0.35%	0.051%
86	15.133	2168	2170	2171	rVV2	674	513	0.06%	0.009%
87	15.188	2175	2179	2184	rVV6	1219	2277	0.27%	0.039%
88	15.255	2187	2190	2194	rVB5	1326	1926	0.23%	0.033%
89	15.560	2238	2240	2241	rVB2	755	502	0.06%	0.009%
90	15.578	2241	2243	2246	rBV3	447	654	0.08%	0.011%
91	15.725	2262	2267	2271	rBV7	404	932	0.11%	0.016%
92	15.834	2283	2285	2286	rBV2	571	503	0.06%	0.009%
93	15.938	2300	2302	2304	rBV3	499	624	0.07%	0.011%
94	15.981	2307	2309	2312	rVV4	477	583	0.07%	0.010%
95	16.035	2316	2318	2320	rVB2	966	716	0.08%	0.012%
96	16.170	2338	2340	2343	rVV3	773	701	0.08%	0.012%
97	16.267	2353	2356	2357	rBV2	554	579	0.07%	0.010%
98	16.334	2362	2367	2368	rBV3	670	1192	0.14%	0.021%
99	16.499	2392	2394	2400	rVB5	749	1106	0.13%	0.019%
100	16.596	2408	2410	2412	rVB2	853	515	0.06%	0.009%

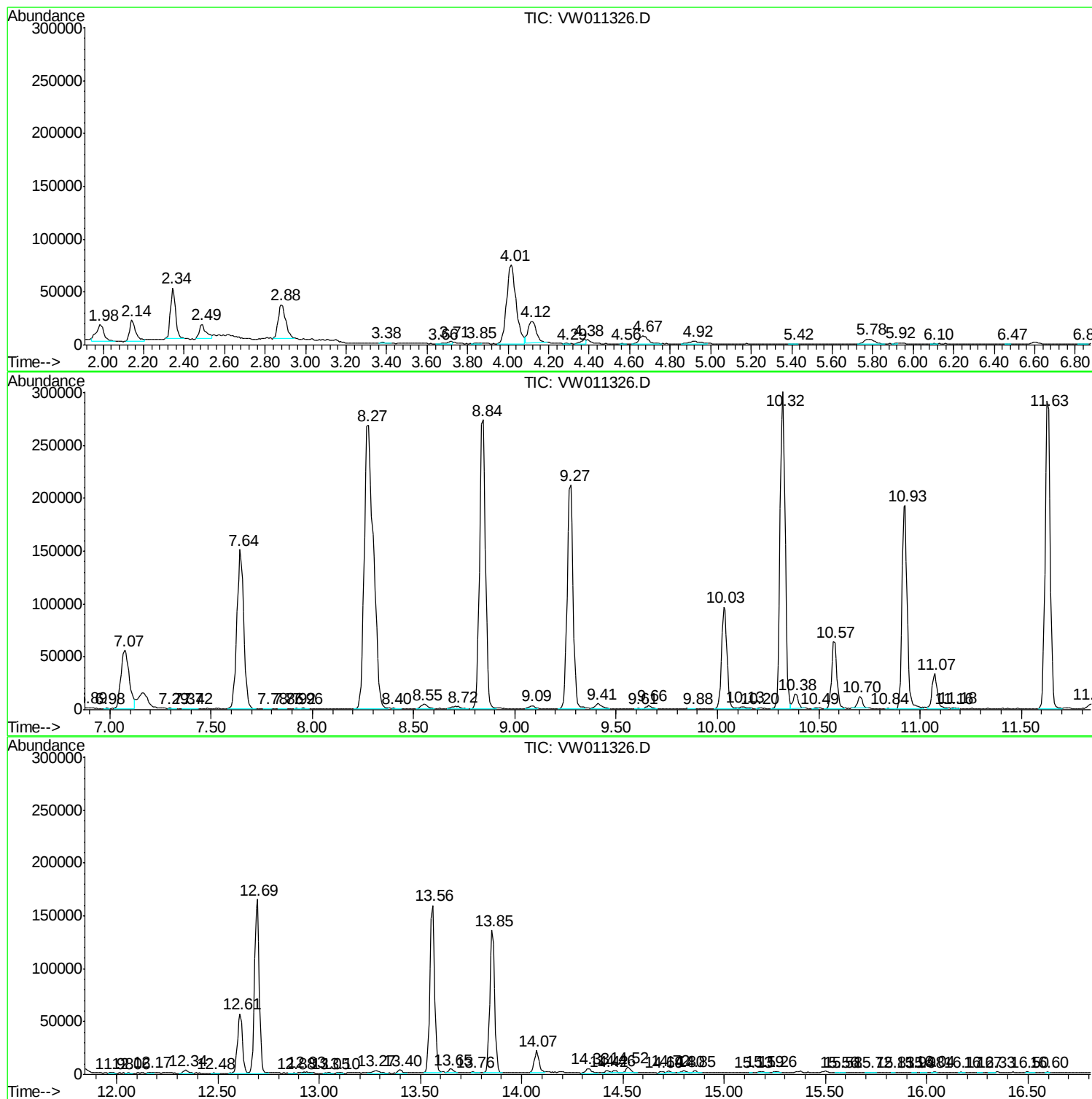
Sum of corrected areas: 5805191

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TIC Library : C:\DATABASE\NIST11.L
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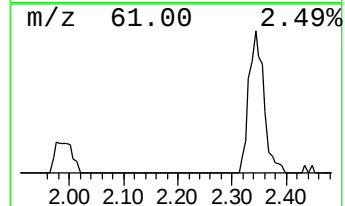
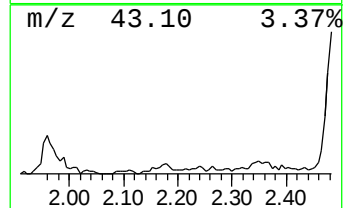
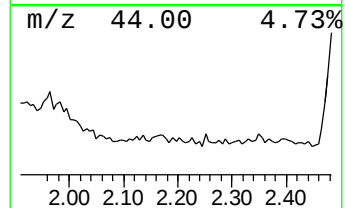
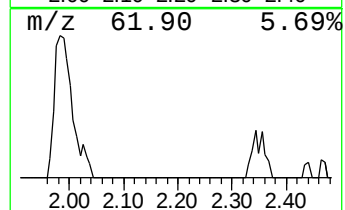
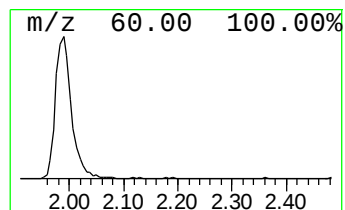
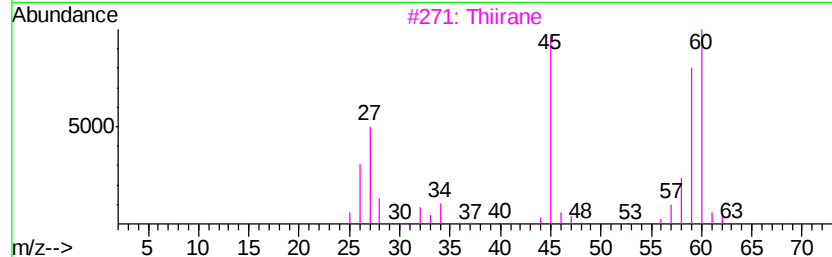
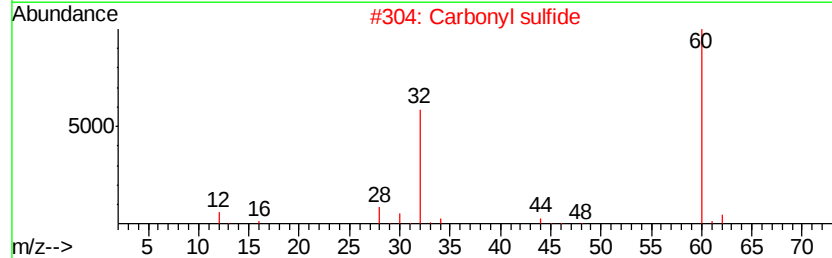
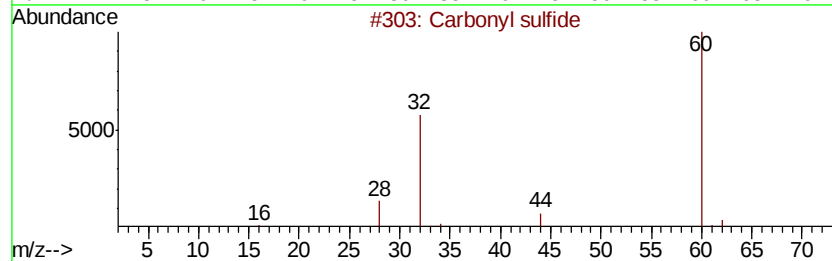
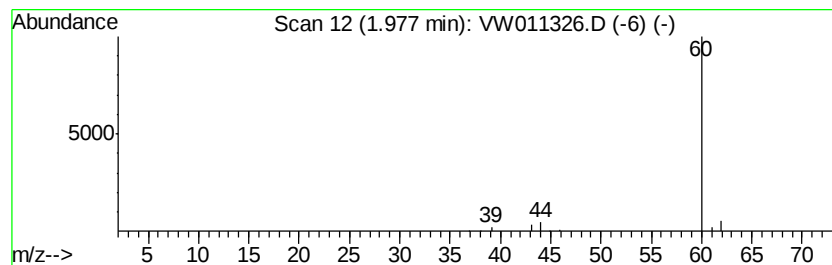
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis

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

Peak Number 1 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.98	1.97 ug/L	43451	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Carbonyl sulfide	60	COS	000463-58-1	9
2		Carbonyl sulfide	60	COS	000463-58-1	9
3		Thiirane	60	C2H4S	000420-12-2	5
4		Methyl formate	60	C2H4O2	000107-31-3	5
5		Methyl formate	60	C2H4O2	000107-31-3	4



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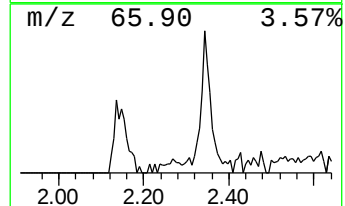
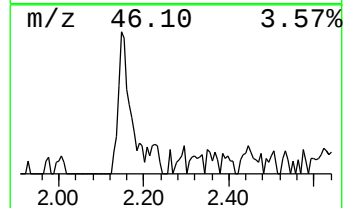
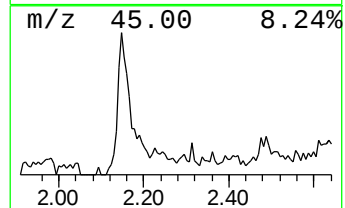
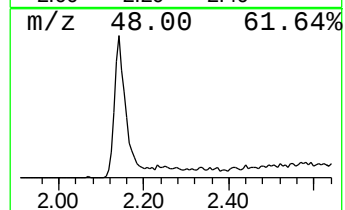
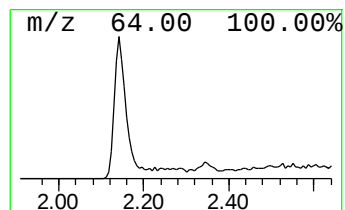
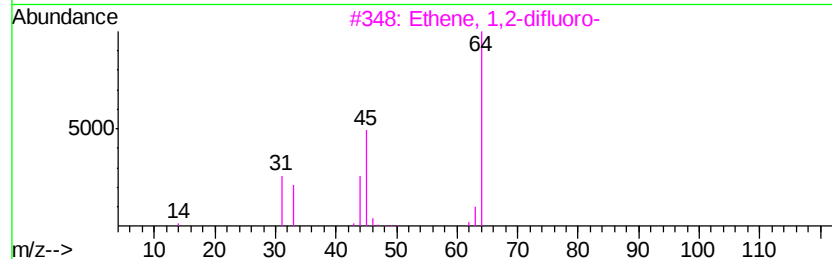
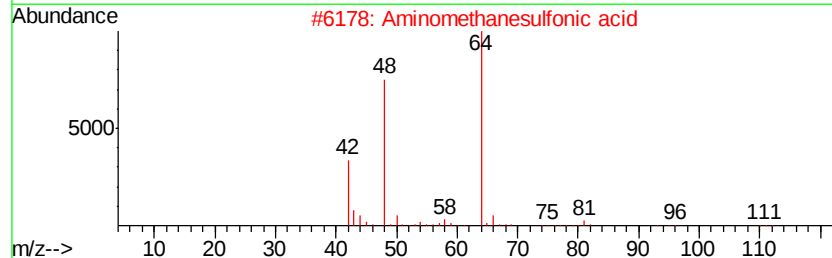
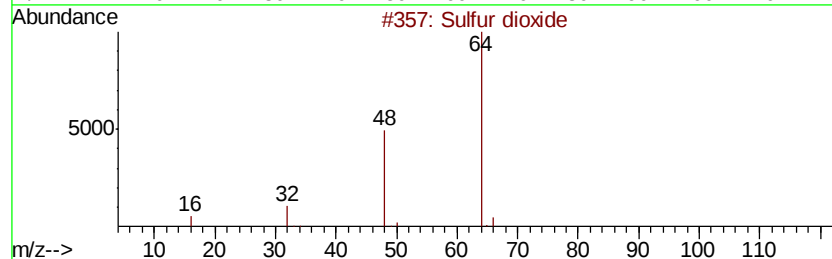
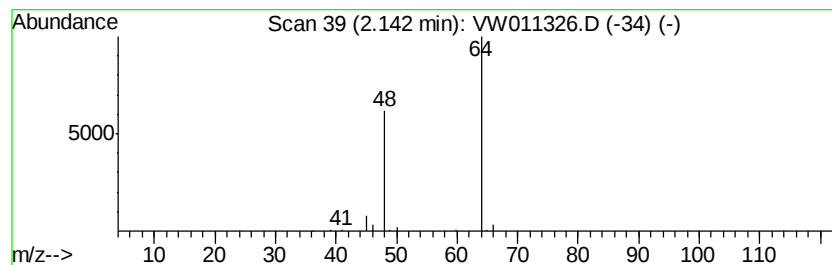
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Sulfur dioxide Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.14	1.92 ug/L	42279	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfur dioxide	64	O2S	007446-09-5	83
2		Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9
3		Ethene, 1,2-difluoro-	64	C2H2F2	001691-13-0	5
4		Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	4
5		Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	4



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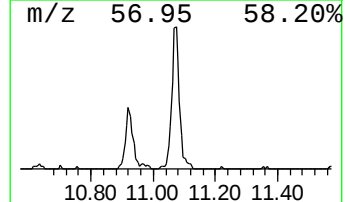
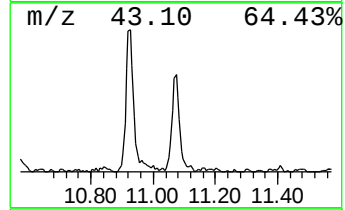
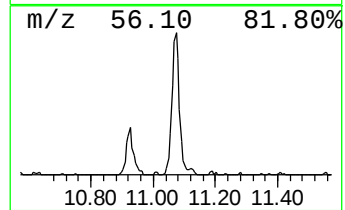
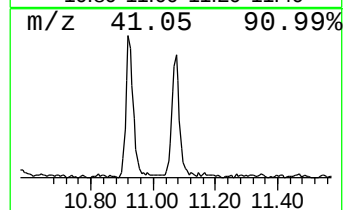
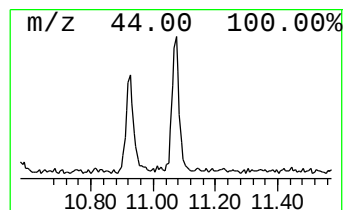
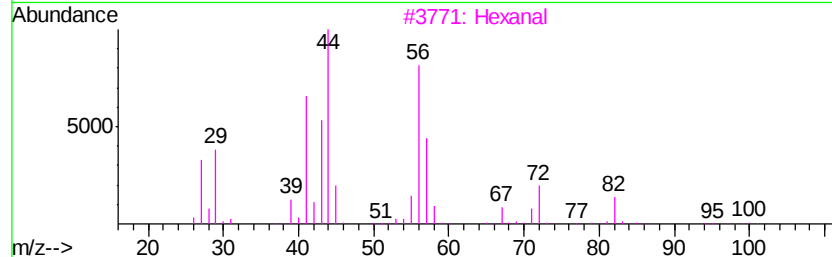
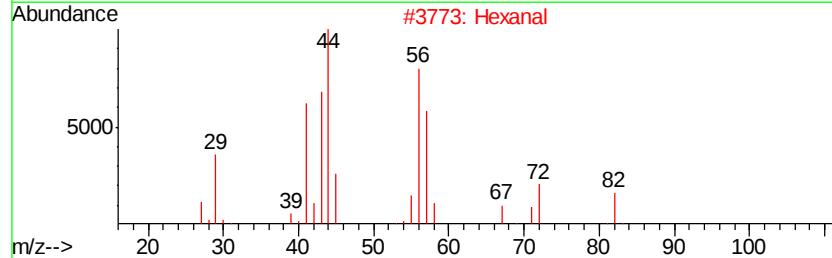
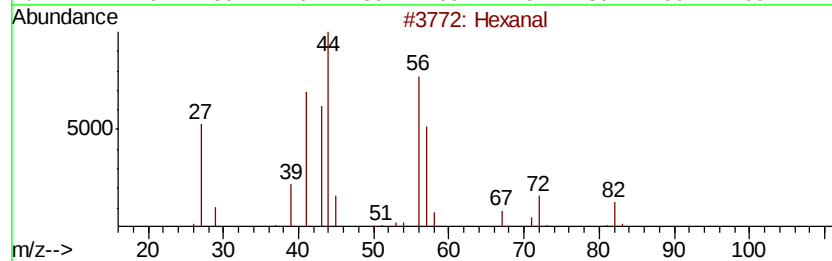
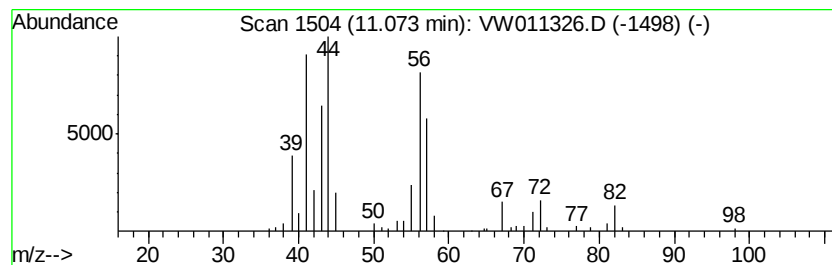
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Peak Number 5 Hexanal Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.07	2.94 ug/L	59206	Chlorobenzene-d5	11.63

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal		100	C6H12O	000066-25-1	72
2	Hexanal		100	C6H12O	000066-25-1	64
3	Hexanal		100	C6H12O	000066-25-1	64
4	Hexanal		100	C6H12O	000066-25-1	59
5	Cyclobutanol, 2-ethyl-		100	C6H12O	035301-43-0	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071719\
Data File : VW011326.D
Acq On : 18 Jul 2019 00:33
Operator : SY/VA
Sample : K3863-08
Misc : 3.99G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A52H2

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	1.98	2.0	ug/L	43451	1	8.84	550155	25.0
Sulfur dioxide	2.14	1.9	ug/L	42279	1	8.84	550155	25.0
Hexanal	11.07	2.9	ug/L	59206	2	11.63	503194	25.0