

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071519\
 Data File : VW011272.D
 Acq On : 15 Jul 2019 20:12
 Operator : SY/VA
 Sample : K3798-12
 Misc : 4.46G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A52J1

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	9	14	25	rVB	24801	56146	5.24%	0.701%
2	2.148	34	40	48	rBV2	17904	45449	4.24%	0.568%
3	2.343	67	72	84	rBV	61961	112224	10.47%	1.401%
4	2.489	92	96	100	rBV2	9122	17068	1.59%	0.213%
5	2.879	154	160	172	rVB	41997	106154	9.90%	1.326%
6	3.373	237	241	247	rVB2	2236	4098	0.38%	0.051%
7	3.538	264	268	270	rBV4	1064	1526	0.14%	0.019%
8	3.672	286	290	291	rBV3	863	906	0.08%	0.011%
9	3.690	291	293	294	rVV	897	699	0.07%	0.009%
10	3.720	294	298	303	rVB5	889	2008	0.19%	0.025%
11	3.842	315	318	319	rBV2	860	824	0.08%	0.010%
12	4.013	333	346	357	rBV	100004	338600	31.58%	4.228%
13	4.117	357	363	373	rVB	23384	64985	6.06%	0.812%
14	4.379	394	406	418	rBV2	10454	34691	3.24%	0.433%
15	4.665	445	453	464	rVV	15247	43184	4.03%	0.539%
16	4.915	481	494	500	rBV2	7873	26918	2.51%	0.336%
17	5.781	624	636	650	rBV3	5308	17853	1.67%	0.223%
18	5.933	654	661	671	rVB6	3487	10308	0.96%	0.129%
19	6.110	683	690	691	rBV2	740	1257	0.12%	0.016%
20	6.317	720	724	727	rBV2	530	671	0.06%	0.008%
21	6.525	754	758	763	rVB4	444	736	0.07%	0.009%
22	6.598	767	770	773	rVB5	562	658	0.06%	0.008%
23	6.756	794	796	800	rBV3	406	652	0.06%	0.008%
24	6.897	812	819	826	rBV5	2173	6297	0.59%	0.079%
25	7.073	839	848	876	rBV	50987	175262	16.35%	2.189%
26	7.506	912	919	922	rBV4	852	1945	0.18%	0.024%
27	7.640	931	941	956	rVB	176763	435512	40.62%	5.438%
28	7.890	979	982	983	rBV3	526	640	0.06%	0.008%
29	7.945	985	991	992	rBV4	1196	1458	0.14%	0.018%
30	8.274	1033	1045	1060	rBV2	356081	1072045	100.00%	13.387%
31	8.396	1063	1065	1066	rVV2	1194	1019	0.10%	0.013%
32	8.555	1080	1091	1098	rBV2	5985	16156	1.51%	0.202%
33	8.707	1108	1116	1127	rBV6	3830	9979	0.93%	0.125%
34	8.841	1129	1138	1153	rVB	380969	761813	71.06%	9.513%

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35	9.037	1166	1170	1171	rBV3	658	864	0.08%	0.011%
36	9.073	1171	1176	1182	rVB7	2362	5510	0.51%	0.069%
37	9.274	1199	1209	1217	rBV	265719	536905	50.08%	6.705%
38	9.408	1225	1231	1239	rVB	6350	13382	1.25%	0.167%
39	9.658	1265	1272	1278	rBV2	3323	6748	0.63%	0.084%
40	9.853	1301	1304	1306	rBV2	599	836	0.08%	0.010%
41	9.957	1318	1321	1324	rBV3	734	921	0.09%	0.012%
42	10.030	1325	1333	1342	rBV	127270	233238	21.76%	2.913%
43	10.116	1344	1347	1348	rBV3	1102	1199	0.11%	0.015%
44	10.152	1350	1353	1360	rVB5	2870	5225	0.49%	0.065%
45	10.207	1360	1362	1369	rVB5	844	1292	0.12%	0.016%
46	10.323	1372	1381	1387	rBV	458911	793839	74.05%	9.913%
47	10.384	1387	1391	1401	rVB	41352	74997	7.00%	0.937%
48	10.487	1405	1408	1409	rBV3	1024	1099	0.10%	0.014%
49	10.573	1416	1422	1430	rBV	83066	145502	13.57%	1.817%
50	10.707	1438	1444	1453	rVB	8973	15729	1.47%	0.196%
51	10.920	1472	1479	1493	rBV	185944	326277	30.44%	4.074%
52	11.073	1497	1504	1514	rVV2	31595	53919	5.03%	0.673%
53	11.567	1582	1585	1588	rBV4	674	834	0.08%	0.010%
54	11.628	1588	1595	1606	rVV	483640	820148	76.50%	10.242%
55	11.725	1608	1611	1617	rVB5	1676	2891	0.27%	0.036%
56	11.841	1624	1630	1639	rBV4	5755	12469	1.16%	0.156%
57	11.957	1646	1649	1654	rBV6	854	1613	0.15%	0.020%
58	12.030	1659	1661	1663	rVV2	564	579	0.05%	0.007%
59	12.054	1663	1665	1670	rVV5	579	795	0.07%	0.010%
60	12.164	1680	1683	1688	rVB5	1590	2652	0.25%	0.033%
61	12.237	1692	1695	1699	rBV3	969	1490	0.14%	0.019%
62	12.341	1707	1712	1723	rBV3	8014	13783	1.29%	0.172%
63	12.469	1728	1733	1735	rBV5	1118	1545	0.14%	0.019%
64	12.524	1739	1742	1744	rBV2	576	595	0.06%	0.007%
65	12.609	1748	1756	1762	rBV	25879	41771	3.90%	0.522%
66	12.694	1762	1770	1777	rBV	195541	320729	29.92%	4.005%
67	12.829	1787	1792	1796	rVB7	1375	2539	0.24%	0.032%
68	12.890	1796	1802	1805	rBV5	1360	2816	0.26%	0.035%
69	12.932	1805	1809	1820	rVB8	3221	8086	0.75%	0.101%
70	13.042	1823	1827	1832	rBV5	1455	1930	0.18%	0.024%
71	13.091	1832	1835	1839	rBV6	845	1444	0.13%	0.018%

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72	13.231	1855	1858	1860	rBV2	524	711	0.07%	0.009%
73	13.280	1860	1866	1868	rBV5	1772	3268	0.30%	0.041%
74	13.396	1881	1885	1893	rVB4	3653	5938	0.55%	0.074%
75	13.487	1893	1900	1901	rBV5	1519	2093	0.20%	0.026%
76	13.560	1905	1912	1921	rVV	353460	580001	54.10%	7.243%
77	13.652	1923	1927	1932	rVB	6606	10420	0.97%	0.130%
78	13.761	1942	1945	1946	rBV2	790	795	0.07%	0.010%
79	13.853	1953	1960	1968	rBV	286907	468842	43.73%	5.855%
80	13.956	1973	1977	1980	rVB5	678	884	0.08%	0.011%
81	14.072	1991	1996	2006	rVB2	15807	27644	2.58%	0.345%
82	14.225	2019	2021	2025	rBV3	627	844	0.08%	0.011%
83	14.328	2029	2038	2048	rBV5	6775	12898	1.20%	0.161%
84	14.426	2049	2054	2057	rBV5	1964	3258	0.30%	0.041%
85	14.456	2057	2059	2063	rVB3	1068	1330	0.12%	0.017%
86	14.523	2065	2070	2076	rBV7	2309	4327	0.40%	0.054%
87	14.627	2085	2087	2090	rVB4	718	816	0.08%	0.010%
88	14.694	2094	2098	2101	rBV4	2661	4449	0.42%	0.056%
89	14.792	2111	2114	2115	rBV2	1035	996	0.09%	0.012%
90	14.859	2122	2125	2127	rBV2	1007	1069	0.10%	0.013%
91	15.188	2174	2179	2183	rBV5	2402	4088	0.38%	0.051%
92	15.255	2186	2190	2195	rVV4	2419	3743	0.35%	0.047%
93	15.359	2205	2207	2208	rBV2	941	623	0.06%	0.008%
94	15.377	2208	2210	2215	rVB5	1513	1867	0.17%	0.023%
95	15.499	2220	2230	2236	rBV	19434	35842	3.34%	0.448%
96	15.663	2256	2257	2260	rBV3	587	629	0.06%	0.008%
97	15.846	2285	2287	2291	rVV5	494	685	0.06%	0.009%
98	15.974	2303	2308	2311	rBV7	1204	2546	0.24%	0.032%
99	16.157	2336	2338	2342	rBV4	479	567	0.05%	0.007%
100	16.560	2402	2404	2408	rBV5	512	874	0.08%	0.011%

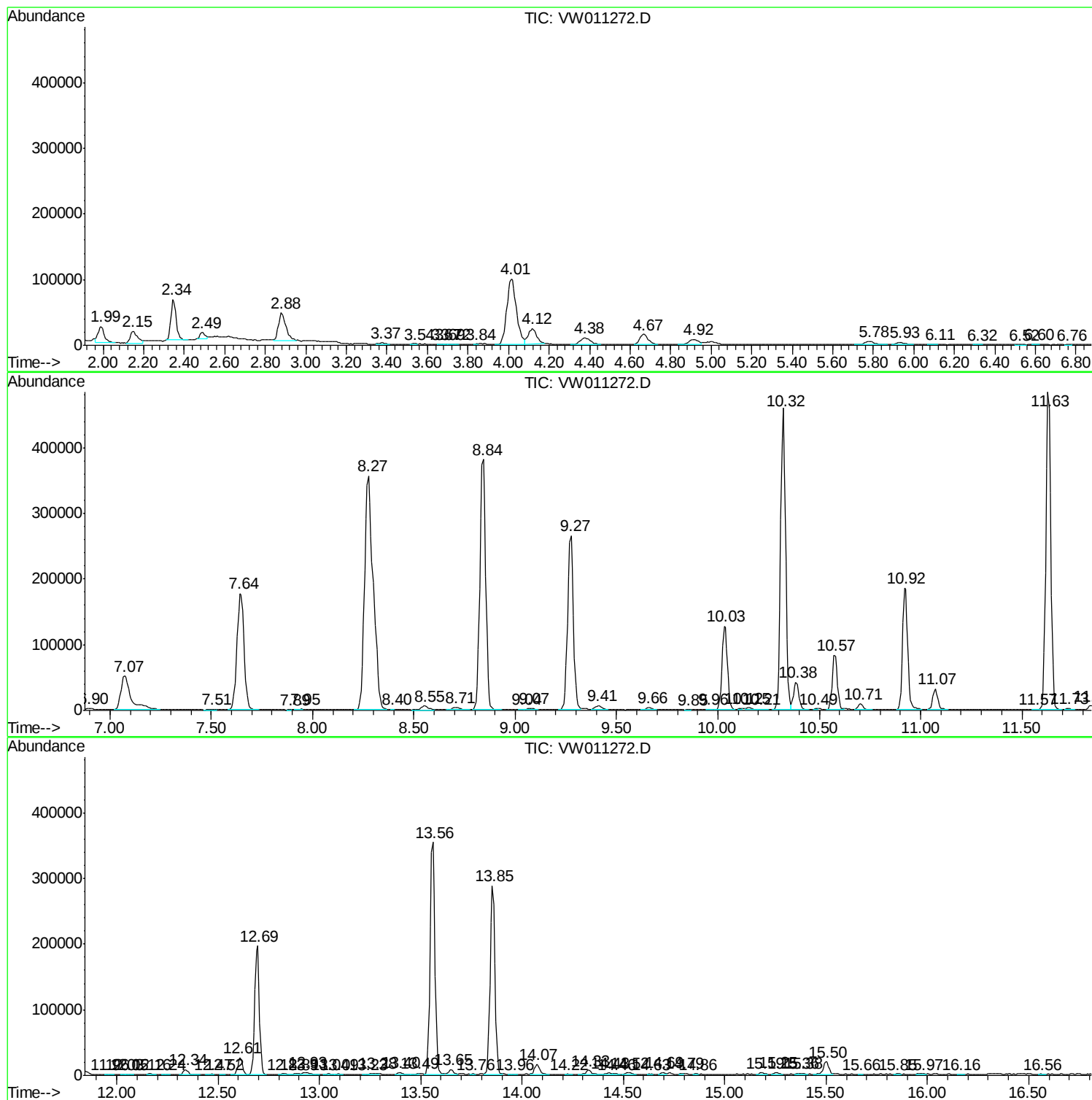
Sum of corrected areas: 8007979

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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



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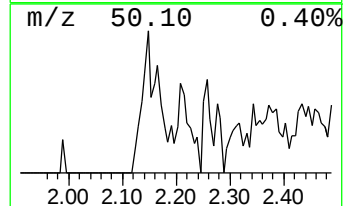
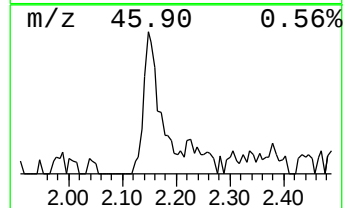
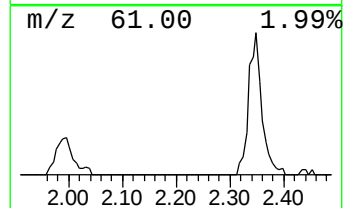
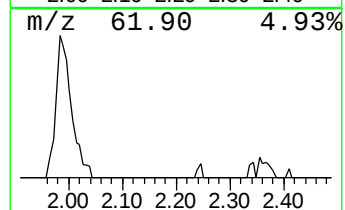
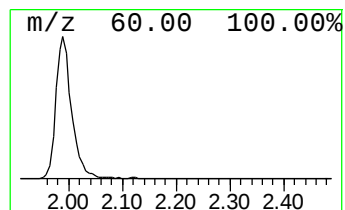
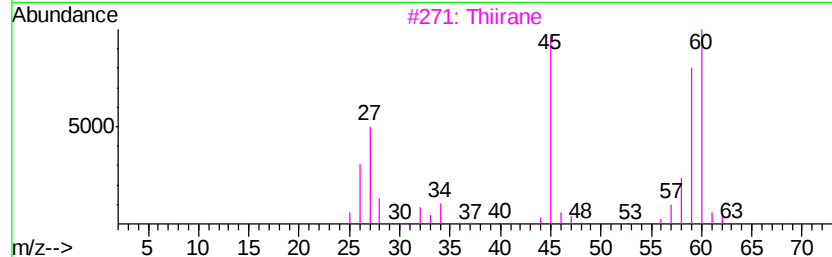
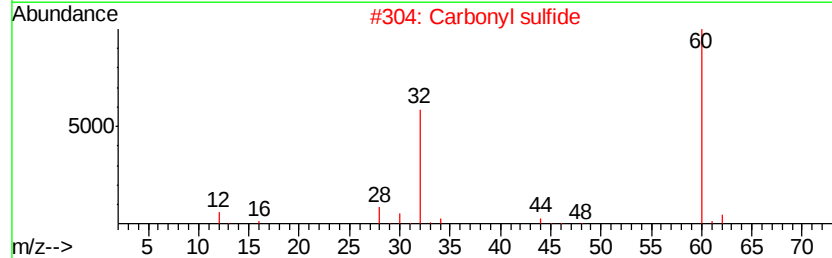
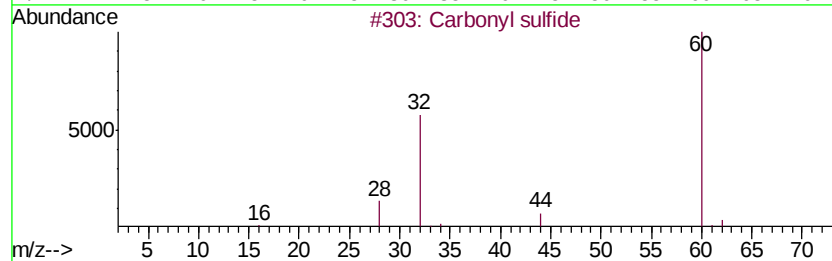
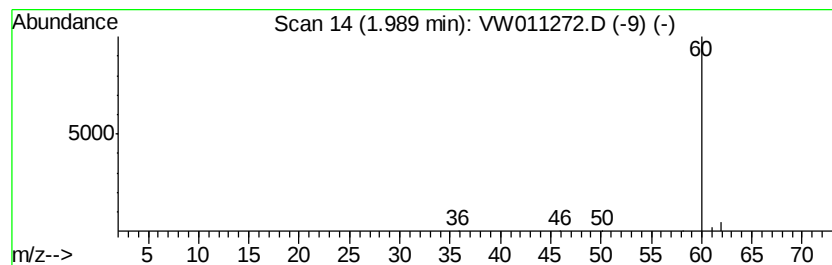
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis

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

Peak Number 1 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.99	1.84 ug/L	56146	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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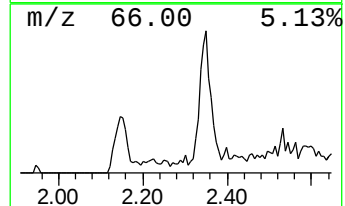
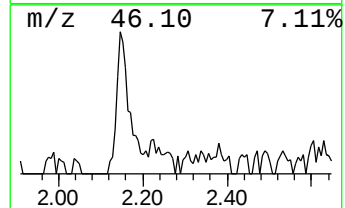
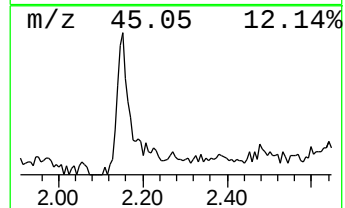
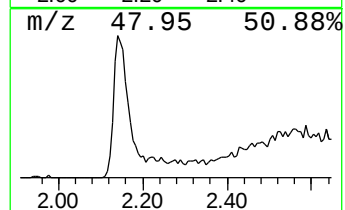
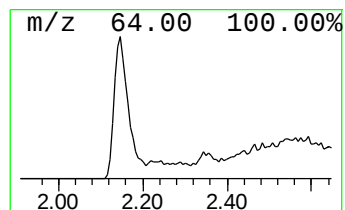
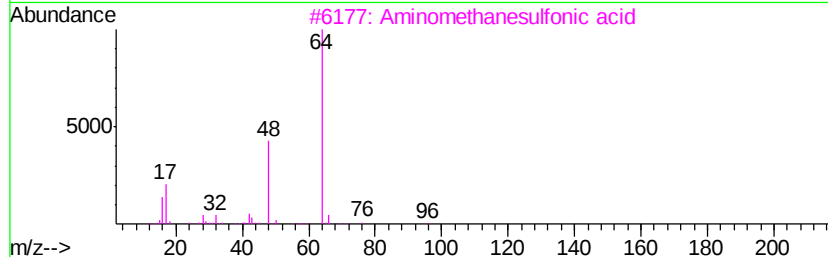
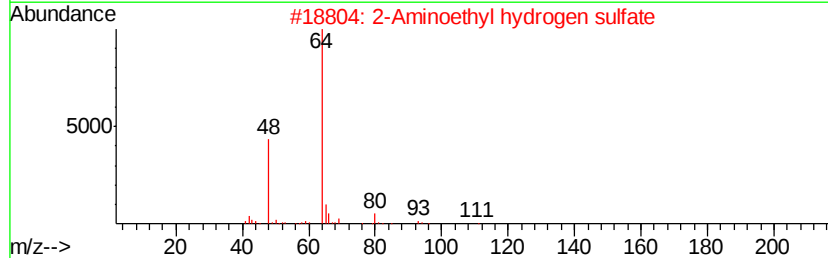
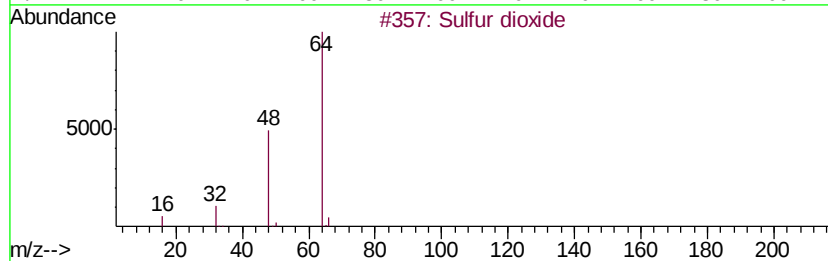
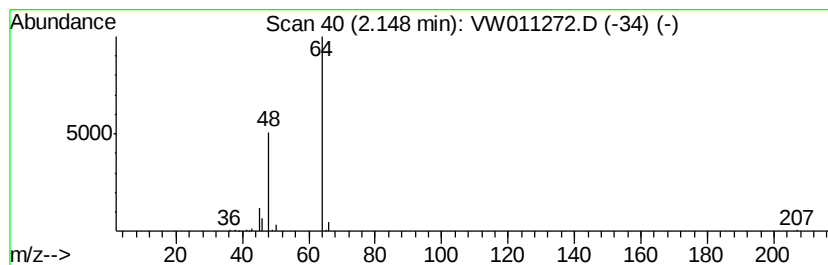
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Sulfur dioxide Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.15	1.49 ug/L	45449	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfur dioxide	64	O2S	007446-09-5	83
2		2-Aminoethyl hydrogen sulfate	141	C2H7N04S	000926-39-6	74
3		Aminomethanesulfonic acid	111	CH5N03S	013881-91-9	74
4		(N-(-2-Acetamido))-2-aminoethane...	182	C4H10N2O4S	007365-82-4	64
5		S-2-[4-Glutarimidobutylamino]eth...	324	C11H20N2O5S2	031701-78-7	64



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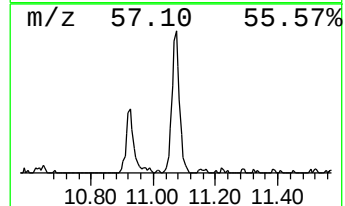
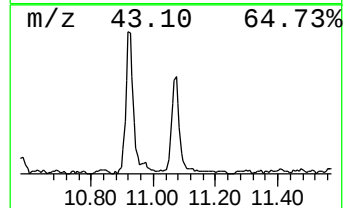
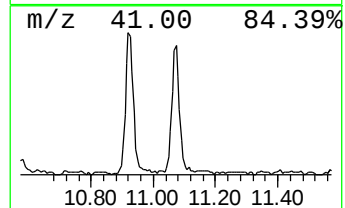
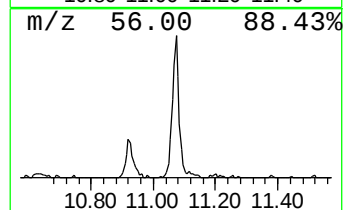
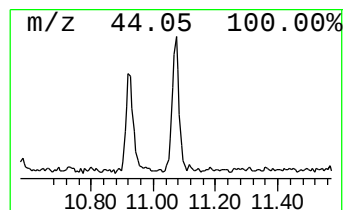
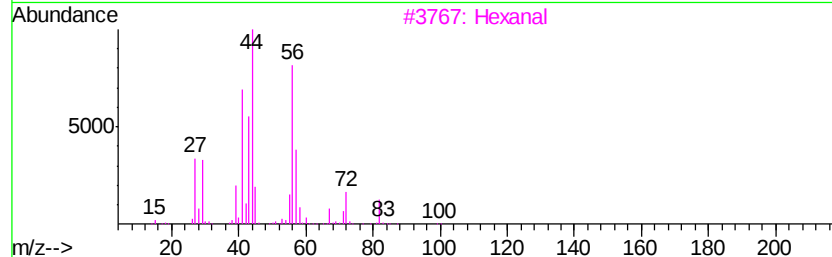
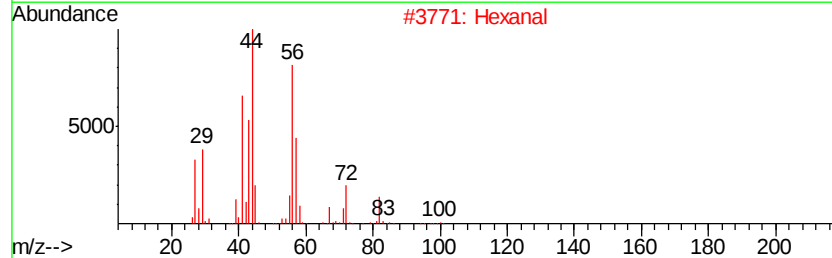
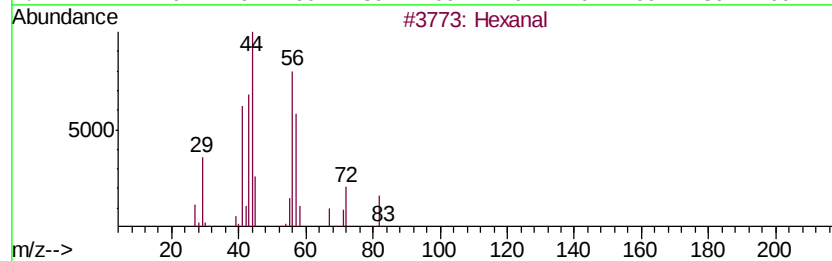
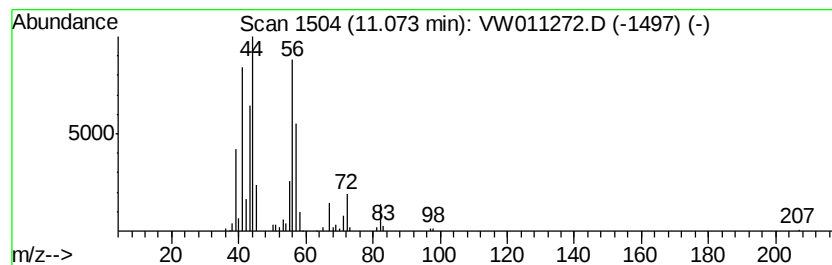
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TIC Integration Parameters: LSCINT.P

Peak Number 4 Hexanal Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.07	1.64 ug/L	53919	Chlorobenzene-d5	11.63

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal		100	C6H12O	000066-25-1	80
2	Hexanal		100	C6H12O	000066-25-1	80
3	Hexanal		100	C6H12O	000066-25-1	72
4	Hexanal		100	C6H12O	000066-25-1	72
5	Cyclobutanol, 2-ethyl-		100	C6H12O	035301-43-0	45



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071519\
Data File : VW011272.D
Acq On : 15 Jul 2019 20:12
Operator : SY/VA
Sample : K3798-12
Misc : 4.46G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A52J1

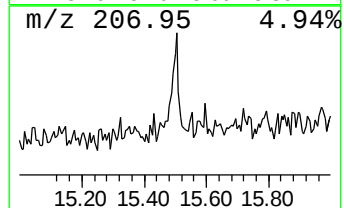
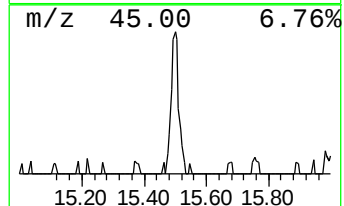
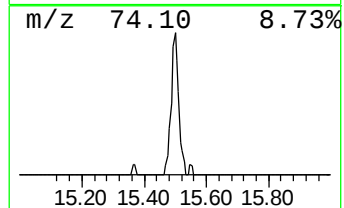
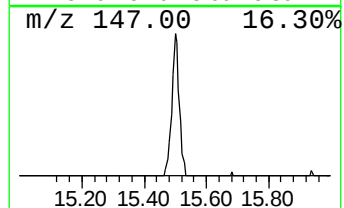
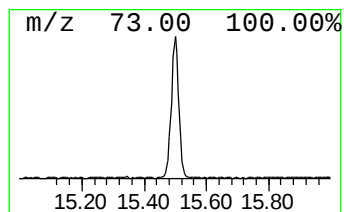
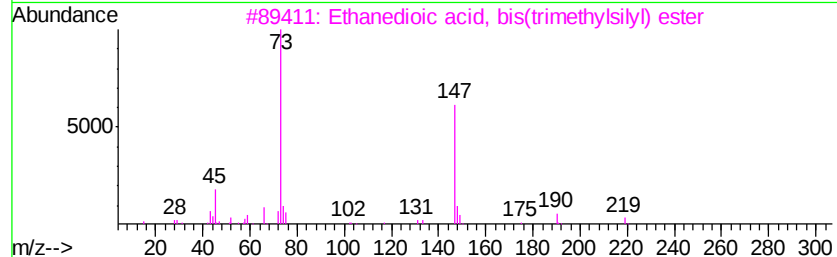
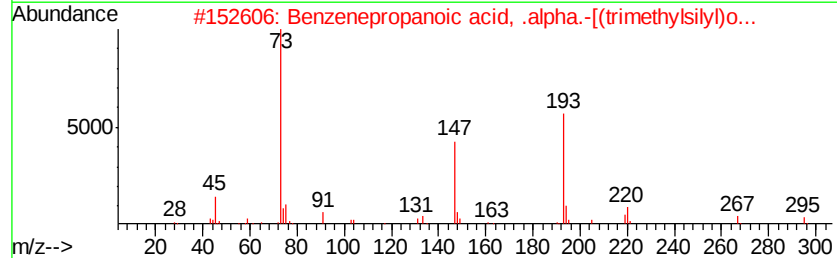
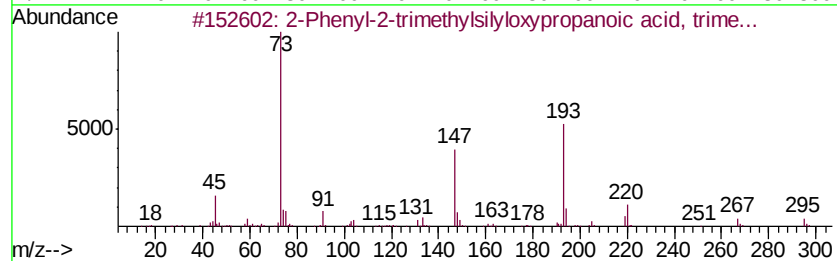
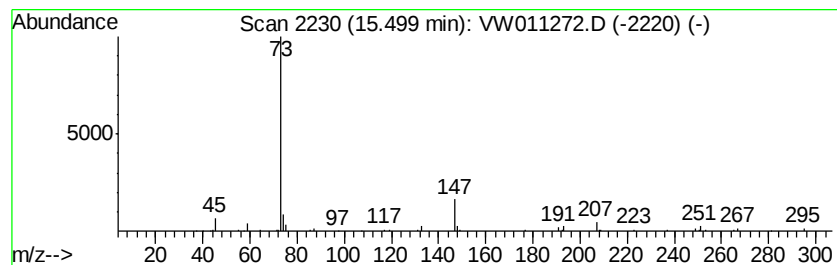
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Quant Title : VOC Analysis

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

Peak Number 6 unknown-02 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.50	1.54 ug/L	35842	1,4-Dichlorobenzene-d4	13.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Phenyl-2-trimethylsilyloxyprop...	310	C15H26O3Si2	082326-12-3	33
2		Benzenepropanoic acid, .alpha.-[...	310	C15H26O3Si2	027750-45-4	33
3		Ethanedioic acid, bis(trimethyls...	234	C8H18O4Si2	018294-04-7	28
4		2-Ethyl-3-trimethylsilyloxy(trim...	276	C12H28O3Si2	1000078-93-6	28
5		Butanedioic acid, 2-[(tert-butyl...	476	C22H48O5Si3	099461-86-6	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071519\
Data File : VW011272.D
Acq On : 15 Jul 2019 20:12
Operator : SY/VA
Sample : K3798-12
Misc : 4.46G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A52J1

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	1.8	ug/L	56146	1	8.84	761813	25.0
Sulfur dioxide	2.15	1.5	ug/L	45449	1	8.84	761813	25.0
Hexanal	11.07	1.6	ug/L	53919	2	11.63	820148	25.0
unknown-02	15.50	1.5	ug/L	35842	3	13.56	580001	25.0