

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW021920\
 Data File : VW015012.D
 Acq On : 19 Feb 2020 17:30
 Operator : SY/VA
 Sample : L1584-05
 Misc : 3.15G/10ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AM2

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\SOM2WLM020520S.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	2.178	36	45	62	rBV	166194	606660	23.21%	3.470%
2	2.355	70	74	83	rBV	86380	163926	6.27%	0.938%
3	2.885	155	161	174	rVB	148931	379837	14.53%	2.173%
4	3.385	236	243	247	rBV3	7122	15998	0.61%	0.092%
5	3.477	256	258	260	rVB2	2053	1674	0.06%	0.010%
6	3.873	319	323	330	rVB5	4651	10778	0.41%	0.062%
7	4.013	336	346	359	rBV	227254	733960	28.08%	4.198%
8	4.123	359	364	370	rVV2	19943	58990	2.26%	0.337%
9	4.202	372	377	390	rVB2	34588	95568	3.66%	0.547%
10	4.385	402	407	418	rVB3	5223	15408	0.59%	0.088%
11	4.519	427	429	432	rBV3	1288	1516	0.06%	0.009%
12	4.611	435	444	455	rBV4	9010	29414	1.13%	0.168%
13	4.690	455	457	459	rVB2	1592	1264	0.05%	0.007%
14	4.909	480	493	509	rBV3	32091	134876	5.16%	0.771%
15	5.348	563	565	569	rBV4	968	1130	0.04%	0.006%
16	5.403	569	574	575	rBV4	1294	1431	0.05%	0.008%
17	5.507	589	591	593	rBV2	1006	1028	0.04%	0.006%
18	5.562	597	600	602	rBV2	1101	1195	0.05%	0.007%
19	5.598	602	606	608	rBV4	975	1079	0.04%	0.006%
20	5.659	613	616	619	rVB2	981	1369	0.05%	0.008%
21	5.738	623	629	630	rBV3	3028	4493	0.17%	0.026%
22	5.940	650	662	672	rVB7	6719	20084	0.77%	0.115%
23	6.031	675	677	681	rVB4	952	1020	0.04%	0.006%
24	6.275	715	717	720	rVB4	697	925	0.04%	0.005%
25	6.433	742	743	745	rBV2	1124	996	0.04%	0.006%
26	6.592	765	769	772	rBV4	1066	1485	0.06%	0.008%
27	6.616	772	773	776	rVB3	1082	1035	0.04%	0.006%
28	6.689	783	785	787	rBV4	905	908	0.03%	0.005%
29	6.921	819	823	824	rBV3	1266	1634	0.06%	0.009%
30	6.982	830	833	837	rBV5	811	1174	0.04%	0.007%
31	7.074	837	848	854	rBV2	74937	213310	8.16%	1.220%
32	7.323	887	889	891	rBV2	1187	1219	0.05%	0.007%
33	7.439	906	908	913	rVB5	1582	2313	0.09%	0.013%
34	7.647	931	942	956	rBV	441780	1080437	41.34%	6.180%

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 Title : VOC Analysis

35	7.805	966	968	970	rVB2	1119	975	0.04%	0.006%
36	7.829	970	972	974	rBV3	1186	1029	0.04%	0.006%
37	7.872	974	979	980	rBV5	1577	2268	0.09%	0.013%
38	7.945	987	991	996	rVB5	3198	5437	0.21%	0.031%
39	8.140	1021	1023	1026	rVB4	796	921	0.04%	0.005%
40	8.275	1033	1045	1062	rBV2	880422	2613690	100.00%	14.949%
41	8.445	1071	1073	1076	rVB3	1335	1273	0.05%	0.007%
42	8.524	1084	1086	1089	rBV3	1119	1211	0.05%	0.007%
43	8.677	1108	1111	1112	rBV3	2061	1881	0.07%	0.011%
44	8.841	1128	1138	1151	rBV	850058	1688018	64.58%	9.655%
45	8.970	1157	1159	1162	rVB4	1074	929	0.04%	0.005%
46	9.018	1164	1167	1170	rBV5	1292	2189	0.08%	0.013%
47	9.079	1173	1177	1183	rVB7	4697	8039	0.31%	0.046%
48	9.268	1199	1208	1218	rBV	644295	1322747	50.61%	7.566%
49	9.658	1267	1272	1279	rVB2	6030	12553	0.48%	0.072%
50	9.756	1281	1288	1292	rBV10	2356	5239	0.20%	0.030%
51	9.811	1292	1297	1300	rBV7	1649	3709	0.14%	0.021%
52	9.890	1306	1310	1315	rVB5	4282	8042	0.31%	0.046%
53	9.957	1315	1321	1323	rBV6	1610	2604	0.10%	0.015%
54	9.982	1323	1325	1326	rBV2	1670	1488	0.06%	0.009%
55	10.030	1326	1333	1340	rBV	193984	357652	13.68%	2.046%
56	10.207	1360	1362	1367	rVB5	2162	2418	0.09%	0.014%
57	10.323	1373	1381	1389	rBV	1037379	1827246	69.91%	10.451%
58	10.573	1416	1422	1436	rBV	132667	240649	9.21%	1.376%
59	10.701	1436	1443	1449	rBV2	70797	132140	5.06%	0.756%
60	10.768	1449	1454	1457	rBV6	4639	8725	0.33%	0.050%
61	10.926	1473	1480	1497	rBV	248886	532327	20.37%	3.045%
62	11.061	1497	1502	1509	rBV2	33631	58525	2.24%	0.335%
63	11.439	1559	1564	1572	rVB2	29642	56341	2.16%	0.322%
64	11.628	1588	1595	1608	rVB	1111598	1855915	71.01%	10.615%
65	11.835	1625	1629	1636	rVB8	7459	14195	0.54%	0.081%
66	12.152	1678	1681	1682	rBV2	2741	2614	0.10%	0.015%
67	12.249	1696	1697	1701	rVB3	2996	2678	0.10%	0.015%
68	12.335	1709	1711	1714	rVV4	1273	1388	0.05%	0.008%
69	12.365	1714	1716	1721	rVB5	1792	2566	0.10%	0.015%
70	12.469	1728	1733	1738	rBV7	3839	7483	0.29%	0.043%
71	12.518	1738	1741	1745	rBV5	2988	4274	0.16%	0.024%

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72	12.609	1749	1756	1763	rVB	77045	130896	5.01%	0.749%
73	12.688	1763	1769	1777	rBV	386656	643216	24.61%	3.679%
74	12.883	1795	1801	1804	rBV8	2774	4333	0.17%	0.025%
75	12.932	1804	1809	1816	rVB2	18229	30516	1.17%	0.175%
76	13.036	1823	1826	1829	rVB5	2563	3168	0.12%	0.018%
77	13.079	1829	1833	1835	rBV4	2227	2760	0.11%	0.016%
78	13.115	1835	1839	1844	rVB7	5332	8661	0.33%	0.050%
79	13.207	1848	1854	1858	rBV7	3977	7412	0.28%	0.042%
80	13.292	1863	1868	1877	rVB3	16233	28998	1.11%	0.166%
81	13.359	1877	1879	1881	rBV3	1450	1364	0.05%	0.008%
82	13.408	1881	1887	1890	rBV5	5086	8381	0.32%	0.048%
83	13.469	1892	1897	1905	rBV9	14668	39526	1.51%	0.226%
84	13.554	1905	1911	1924	rVB	670709	1090287	41.71%	6.236%
85	13.761	1941	1945	1948	rBV5	5143	7880	0.30%	0.045%
86	13.792	1948	1950	1953	rBV3	1653	1969	0.08%	0.011%
87	13.853	1953	1960	1966	rBV	596222	965711	36.95%	5.524%
88	14.066	1991	1995	2002	rVB2	29533	48461	1.85%	0.277%
89	14.200	2011	2017	2020	rBV3	5310	9895	0.38%	0.057%
90	14.487	2062	2064	2066	rBV3	2103	2684	0.10%	0.015%
91	14.627	2085	2087	2090	rBV3	1569	1718	0.07%	0.010%
92	14.688	2093	2097	2100	rBV5	4378	8107	0.31%	0.046%
93	14.968	2139	2143	2147	rBV5	1446	2962	0.11%	0.017%
94	15.103	2161	2165	2169	rBV6	2041	3630	0.14%	0.021%
95	15.438	2212	2220	2225	rBV2	19944	36536	1.40%	0.209%
96	15.493	2227	2229	2236	rVB3	4580	7288	0.28%	0.042%
97	15.767	2272	2274	2276	rBV3	2396	2017	0.08%	0.012%
98	16.029	2314	2317	2318	rBV3	1311	1377	0.05%	0.008%
99	16.474	2386	2390	2393	rBV6	1278	2613	0.10%	0.015%
100	16.554	2400	2403	2405	rBV3	1711	1734	0.07%	0.010%

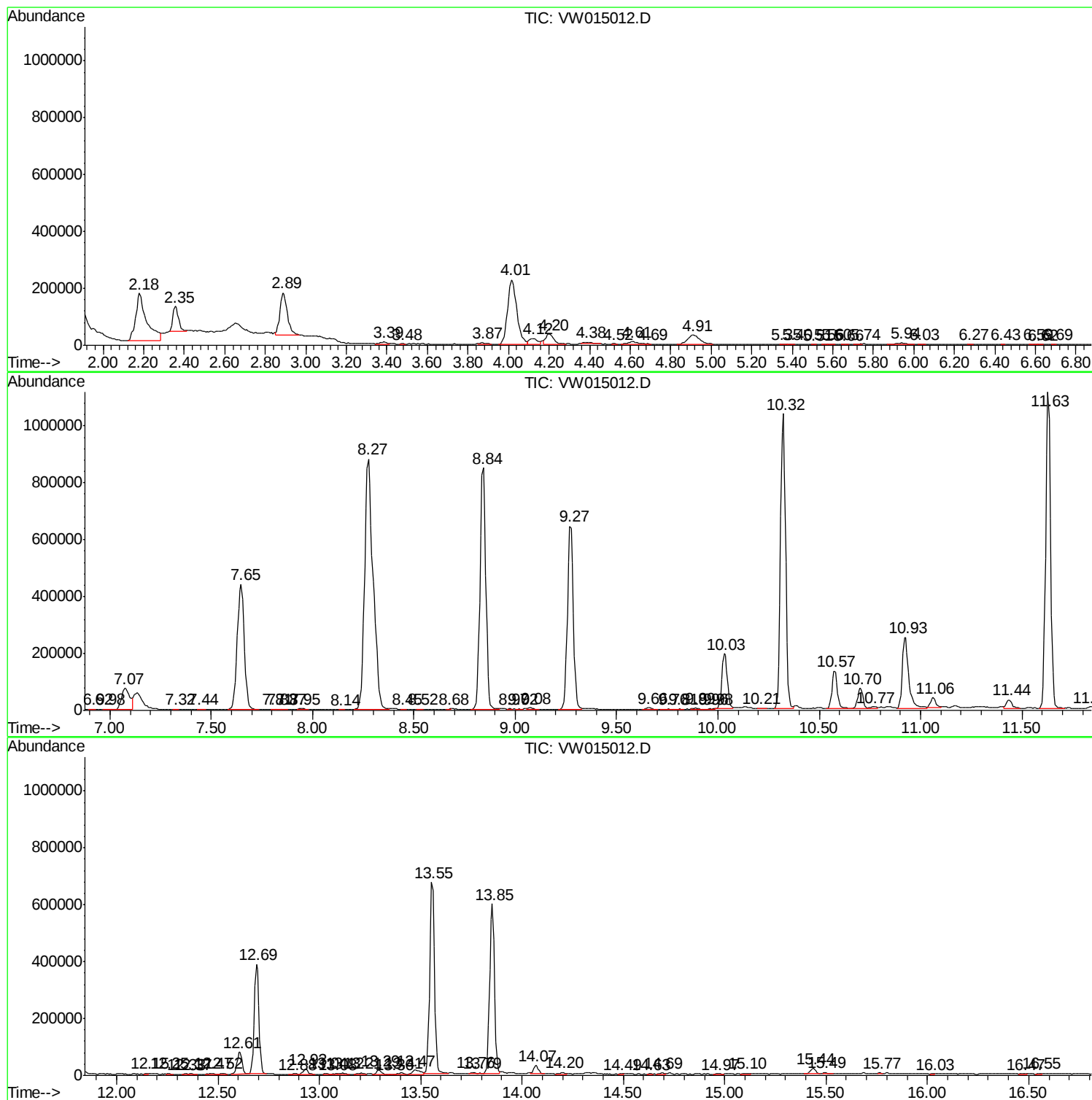
Sum of corrected areas: 17483612

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020520S.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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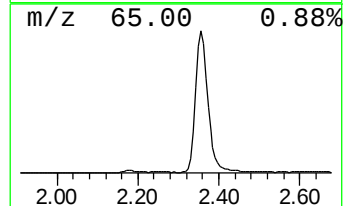
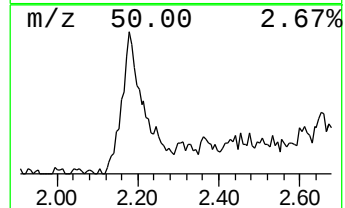
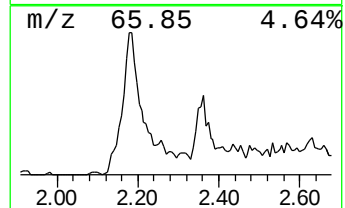
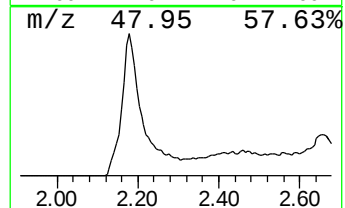
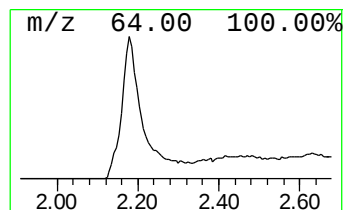
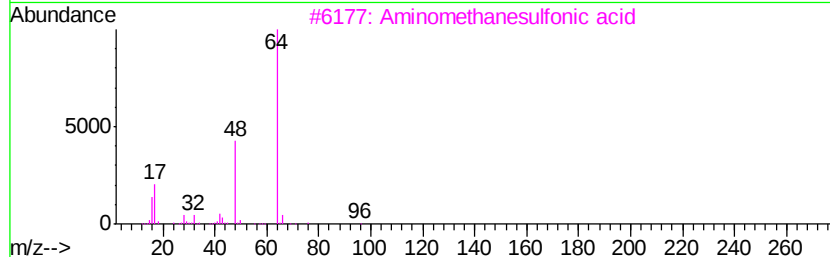
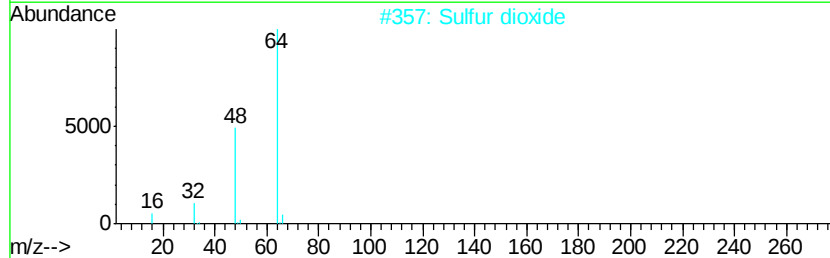
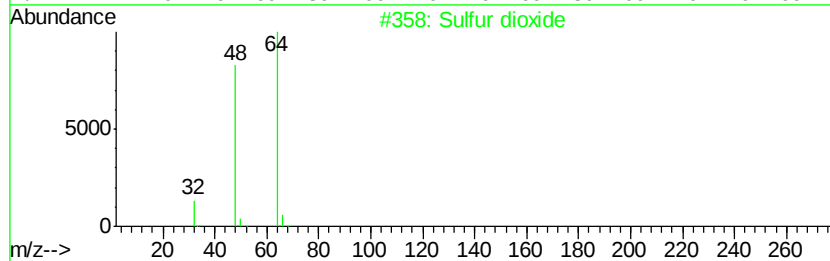
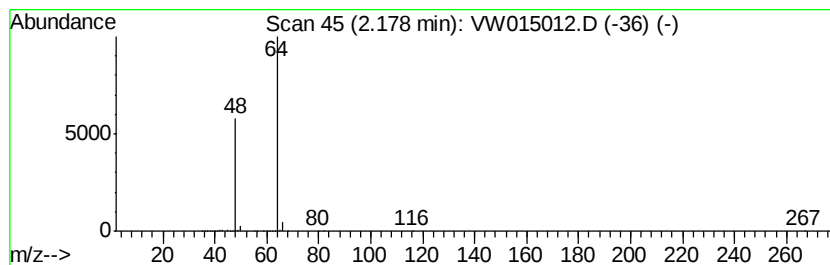
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020520S.M
Quant Title : VOC Analysis

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

Peak Number 1 Sulfur dioxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.18	8.98 ug/L	606660	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfur dioxide	64	O2S	007446-09-5	83
2		Sulfur dioxide	64	O2S	007446-09-5	83
3		Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	74
4		Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	25
5		L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9



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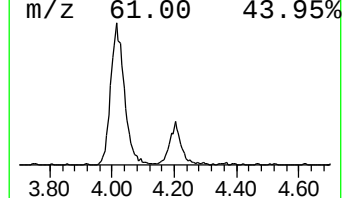
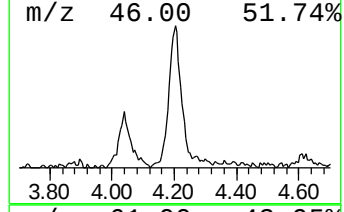
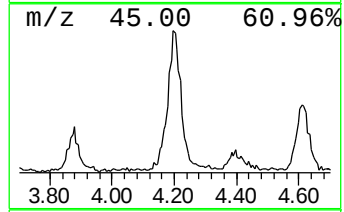
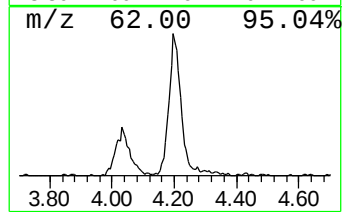
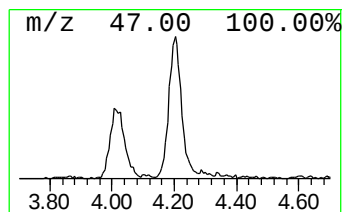
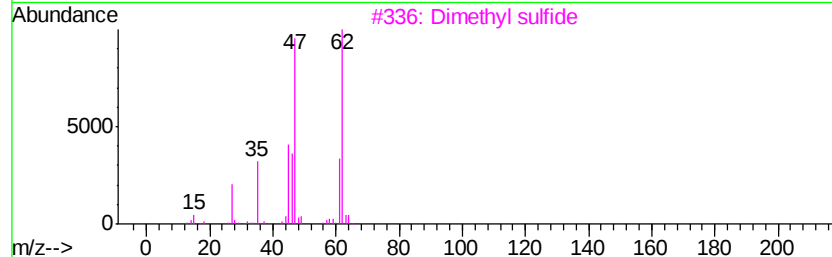
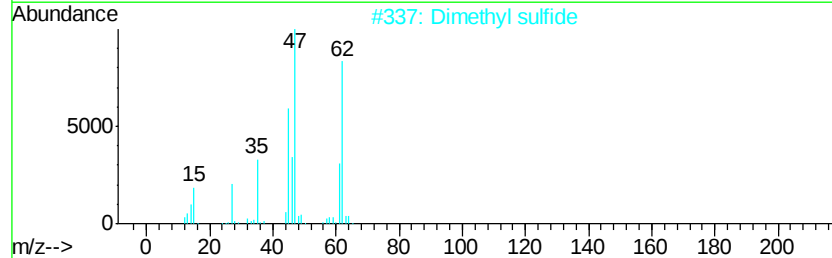
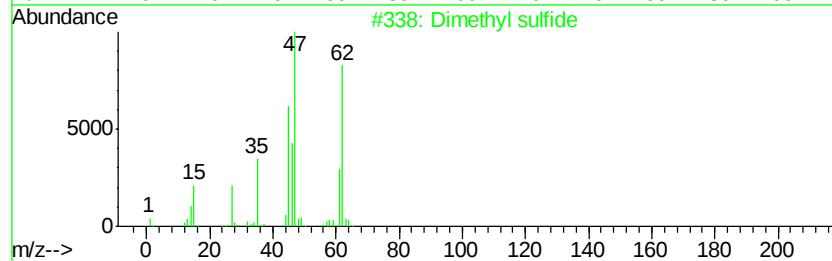
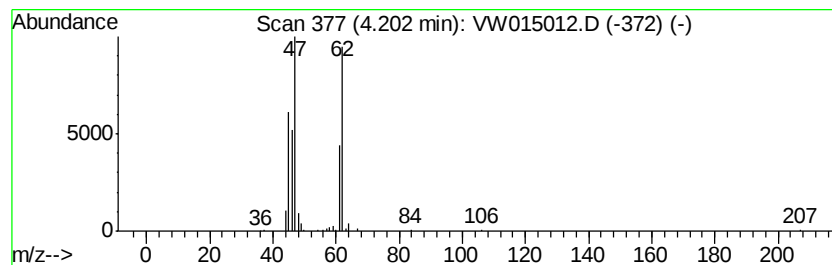
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 Dimethyl sulfide Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.20	1.42 ug/L	95568	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dimethyl sulfide	62	C2H6S	000075-18-3	86
2		Dimethyl sulfide	62	C2H6S	000075-18-3	86
3		Dimethyl sulfide	62	C2H6S	000075-18-3	83
4		Dimethyl sulfide	62	C2H6S	000075-18-3	80
5		Ethanethiol	62	C2H6S	000075-08-1	39



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TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Sulfur dioxide	2.18	9.0	ug/L	606660	1	8.84	1688020	25.0
Dimethyl sulfide	4.20	1.4	ug/L	95568	1	8.84	1688020	25.0