

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051023\
 Data File : VW025938.D
 Acq On : 10 May 2023 18:29
 Operator : SY/MD
 Sample : 02689-15
 Misc : 2.90g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JREN0

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
 Title : SFAM01.0

Signal : TIC: VW025938.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.137	39	41	44	rBV	14196	20485	0.64%	0.100%
2	2.363	72	78	93	rVB	144477	375167	11.78%	1.836%
3	2.661	122	127	139	rVB2	47900	131036	4.12%	0.641%
4	2.893	158	165	182	rVB	119049	333365	10.47%	1.632%
5	3.174	208	211	214	rBV5	3311	5433	0.17%	0.027%
6	3.369	241	243	244	rVV2	2139	1584	0.05%	0.008%
7	3.399	244	248	252	rVV6	3232	7000	0.22%	0.034%
8	3.436	252	254	257	rVB4	2213	2033	0.06%	0.010%
9	3.734	301	303	305	rBV3	2105	2476	0.08%	0.012%
10	4.021	337	350	362	rBV	317025	1035967	32.54%	5.071%
11	4.204	372	380	397	rVB	176232	500058	15.71%	2.448%
12	4.387	405	410	418	rVB4	6433	19137	0.60%	0.094%
13	4.606	443	446	447	rBV3	2300	2628	0.08%	0.013%
14	4.838	482	484	485	rBV2	1820	1891	0.06%	0.009%
15	4.917	486	497	515	rVV2	82117	322921	10.14%	1.581%
16	5.033	515	516	521	rVB5	3087	2711	0.09%	0.013%
17	5.137	528	533	536	rBV7	2475	3913	0.12%	0.019%
18	5.374	571	572	574	rVV2	1806	1467	0.05%	0.007%
19	5.429	576	581	583	rBV6	2360	4262	0.13%	0.021%
20	5.466	583	587	590	rVB5	1888	2438	0.08%	0.012%
21	5.563	601	603	608	rVB6	2004	2366	0.07%	0.012%
22	5.710	623	627	628	rBV4	1726	1903	0.06%	0.009%
23	5.874	651	654	655	rVV3	1315	1613	0.05%	0.008%
24	5.941	655	665	677	rVB3	30014	93478	2.94%	0.458%
25	6.082	687	688	690	rBV2	2048	1928	0.06%	0.009%
26	6.124	693	695	698	rVV4	1533	1663	0.05%	0.008%
27	6.283	718	721	722	rVV3	1851	2136	0.07%	0.010%
28	6.325	726	728	730	rVV3	2167	2040	0.06%	0.010%
29	6.411	740	742	746	rBV4	1484	1901	0.06%	0.009%
30	6.508	757	758	762	rVB4	1408	1841	0.06%	0.009%
31	6.563	765	767	769	rBV3	1777	1640	0.05%	0.008%
32	7.075	843	851	863	rBV	82554	248756	7.81%	1.218%
33	7.270	882	883	886	rBV3	2211	2216	0.07%	0.011%
34	7.551	927	929	931	rVB3	2207	1473	0.05%	0.007%
35	7.648	934	945	956	rBV	517311	1262299	39.64%	6.178%
36	7.868	979	981	984	rBV4	2299	3225	0.10%	0.016%

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 Title : SFAM01.0

37	7.917	987	989	991	rVV3	1746	1503	0.05%	0.007%
38	8.002	1002	1003	1006	rBV3	1476	1612	0.05%	0.008%
39	8.130	1023	1024	1026	rBV2	1743	1591	0.05%	0.008%
40	8.148	1026	1027	1032	rVB5	1997	2491	0.08%	0.012%
41	8.276	1036	1048	1067	rBV2	1091393	3184040	100.00%	15.584%
42	8.447	1074	1076	1078	rBV3	1595	1538	0.05%	0.008%
43	8.551	1089	1093	1095	rBV5	1579	2584	0.08%	0.013%
44	8.624	1103	1105	1108	rVB3	2284	2380	0.07%	0.012%
45	8.673	1110	1113	1115	rBV4	2697	3017	0.09%	0.015%
46	8.837	1131	1140	1153	rBV	1085917	2155944	67.71%	10.552%
47	9.063	1173	1177	1179	rBV5	2497	4066	0.13%	0.020%
48	9.270	1200	1211	1221	rBV	740867	1514034	47.55%	7.410%
49	9.520	1251	1252	1256	rVB4	1924	1621	0.05%	0.008%
50	9.563	1256	1259	1261	rBV4	1279	1727	0.05%	0.008%
51	9.599	1263	1265	1271	rVB7	1832	2935	0.09%	0.014%
52	9.660	1271	1275	1277	rBV5	2712	4438	0.14%	0.022%
53	9.746	1286	1289	1293	rVV6	1697	2909	0.09%	0.014%
54	9.843	1303	1305	1306	rBV2	3092	2057	0.06%	0.010%
55	9.892	1308	1313	1319	rVB10	4261	8402	0.26%	0.041%
56	10.032	1328	1336	1344	rVV	307862	550691	17.30%	2.695%
57	10.124	1348	1351	1355	rVV3	11769	22244	0.70%	0.109%
58	10.191	1357	1362	1376	rVB4	16260	47936	1.51%	0.235%
59	10.325	1376	1384	1391	rBV	1353926	2417477	75.92%	11.832%
60	10.386	1391	1394	1399	rVB	23978	37481	1.18%	0.183%
61	10.502	1409	1413	1418	rVB8	4710	8969	0.28%	0.044%
62	10.575	1419	1425	1436	rVV	194621	330337	10.37%	1.617%
63	10.697	1440	1445	1453	rBV2	11269	20347	0.64%	0.100%
64	10.758	1453	1455	1461	rVB6	4336	7337	0.23%	0.036%
65	10.922	1475	1482	1495	rBV	301082	551363	17.32%	2.699%
66	11.087	1506	1509	1511	rBV4	1950	2519	0.08%	0.012%
67	11.178	1522	1524	1526	rBV3	2050	1680	0.05%	0.008%
68	11.282	1538	1541	1544	rBV5	1921	2312	0.07%	0.011%
69	11.447	1567	1568	1570	rBV2	2010	1648	0.05%	0.008%
70	11.629	1589	1598	1607	rBV	1219990	2078537	65.28%	10.173%
71	11.721	1612	1613	1618	rVB4	4682	7330	0.23%	0.036%
72	11.800	1623	1626	1628	rBV4	2527	2667	0.08%	0.013%
73	11.831	1628	1631	1636	rBV4	7446	12823	0.40%	0.063%
74	12.111	1672	1677	1678	rBV5	2339	3942	0.12%	0.019%
75	12.324	1710	1712	1715	rBV4	2447	3361	0.11%	0.016%
76	12.349	1715	1716	1720	rVV4	2917	3178	0.10%	0.016%

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 Title : SFAM01.0

77	12.465	1729	1735	1739	rBV9	4257	8793	0.28%	0.043%
78	12.513	1739	1743	1748	rVB8	7262	11706	0.37%	0.057%
79	12.599	1752	1757	1765	rVB2	27463	49029	1.54%	0.240%
80	12.690	1765	1772	1779	rBV	392194	659990	20.73%	3.230%
81	12.861	1798	1800	1804	rVB5	3066	2350	0.07%	0.012%
82	13.202	1852	1856	1857	rBV4	3355	4790	0.15%	0.023%
83	13.245	1860	1863	1868	rVB4	9023	14689	0.46%	0.072%
84	13.379	1882	1885	1886	rBV3	1901	1783	0.06%	0.009%
85	13.397	1886	1888	1890	rBV3	2463	2677	0.08%	0.013%
86	13.452	1895	1897	1899	rBV3	2084	1652	0.05%	0.008%
87	13.556	1907	1914	1921	rBV	713694	1140554	35.82%	5.582%
88	13.849	1955	1962	1975	rBV	565736	948021	29.77%	4.640%
89	14.062	1992	1997	2005	rVV2	38664	64887	2.04%	0.318%
90	14.135	2007	2009	2013	rVB5	3793	3300	0.10%	0.016%
91	14.190	2016	2018	2020	rBV3	1871	1570	0.05%	0.008%
92	14.324	2034	2040	2045	rBV10	5270	12382	0.39%	0.061%
93	14.415	2052	2055	2057	rBV3	3469	4222	0.13%	0.021%
94	14.489	2064	2067	2068	rBV3	2669	2378	0.07%	0.012%
95	14.537	2072	2075	2080	rVB7	4270	8410	0.26%	0.041%
96	14.684	2097	2099	2101	rBV3	2159	1827	0.06%	0.009%
97	15.427	2216	2221	2226	rVV	25673	42104	1.32%	0.206%
98	15.476	2226	2229	2238	rVB2	10412	18751	0.59%	0.092%
99	15.781	2277	2279	2281	rBV3	2905	3337	0.10%	0.016%
100	16.561	2405	2407	2411	rBV5	2071	2443	0.08%	0.012%

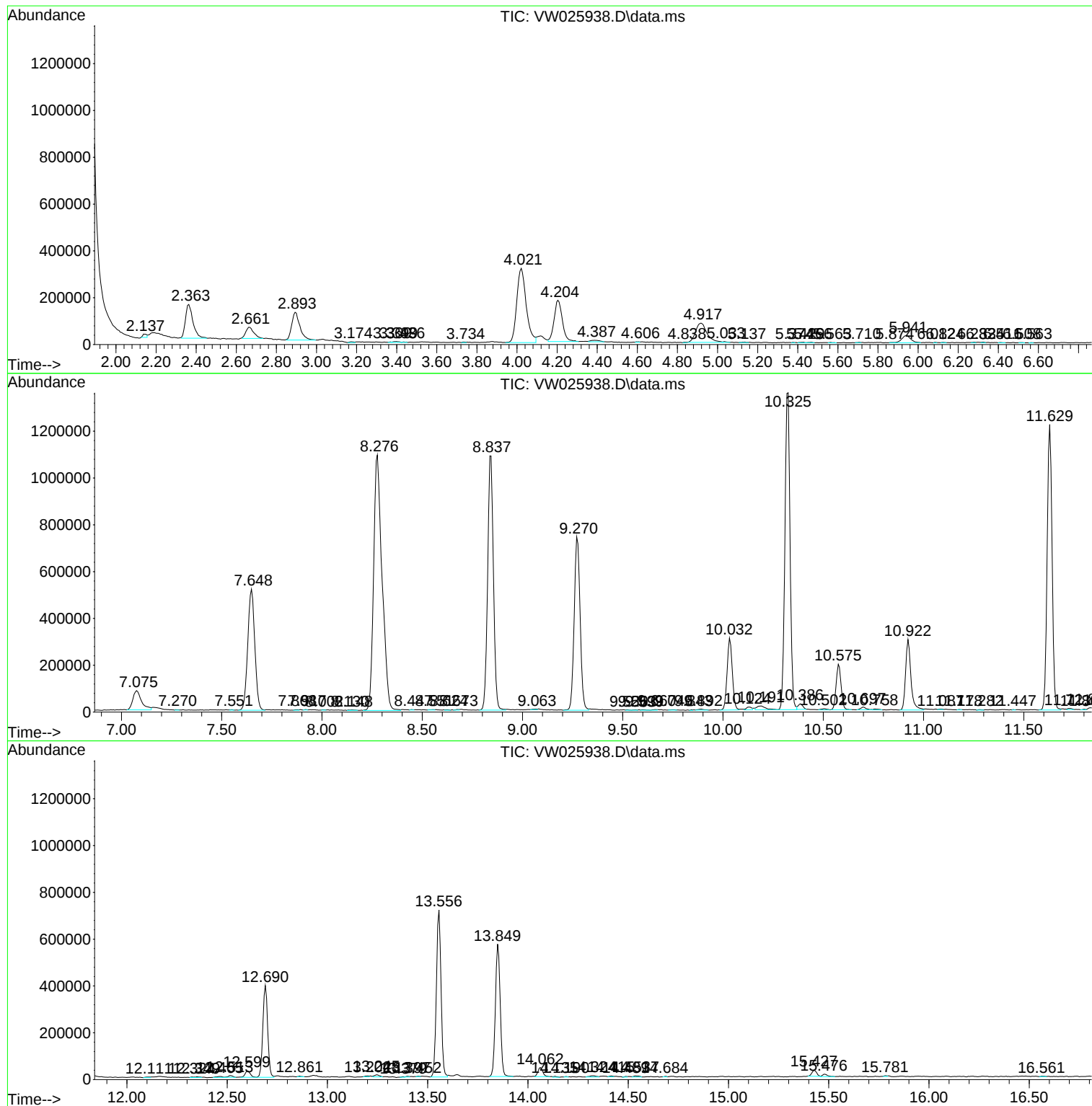
Sum of corrected areas: 20431163

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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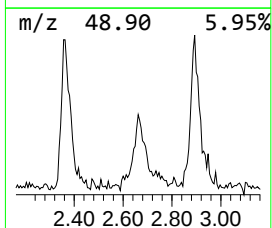
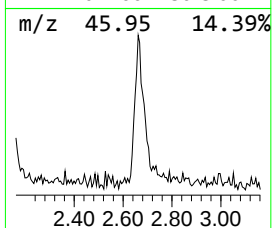
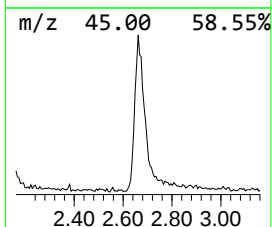
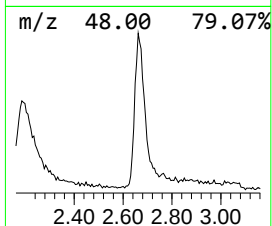
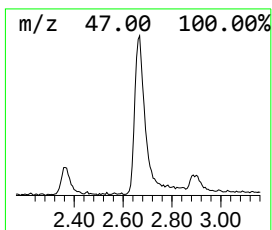
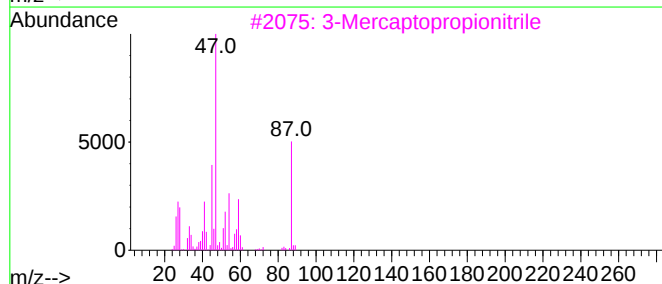
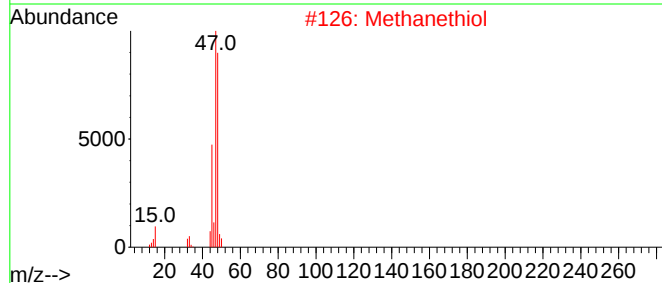
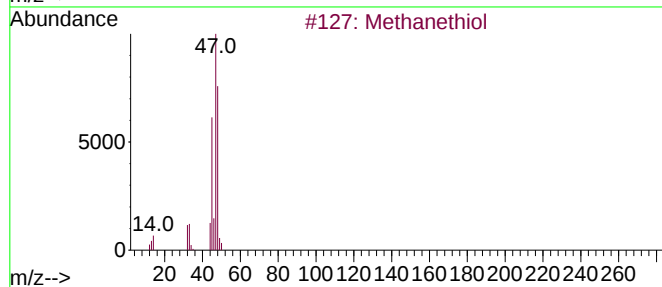
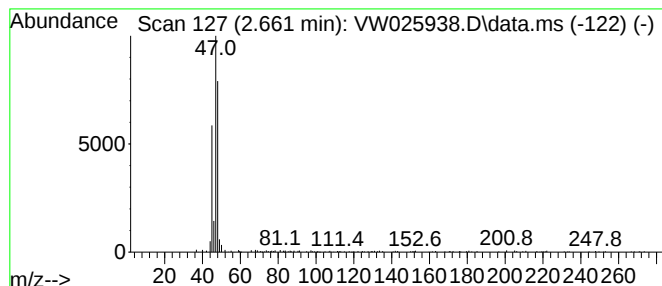
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Methanethiol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.661	1.52 ug/L	131036	1,4-Difluorobenzene	8.843

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Methanethiol	48	CH4S	000074-93-1	90
2			Methanethiol	48	CH4S	000074-93-1	80
3			3-Mercaptopropionitrile	87	C3H5NS	001001-58-7	28
4			2,3-Butanediol	90	C4H10O2	000513-85-9	9
5			Acetic acid, mercapto-	92	C2H4O2S	000068-11-1	9



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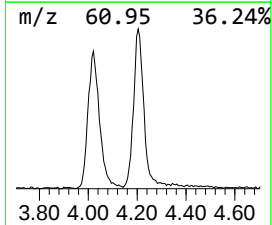
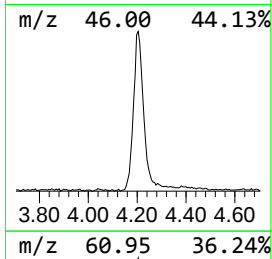
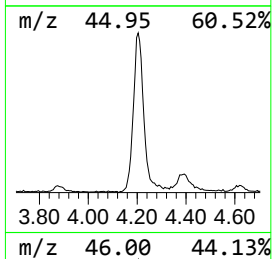
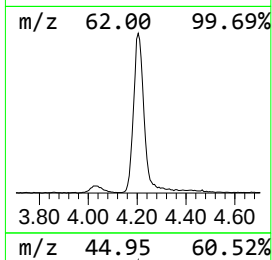
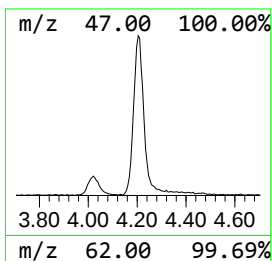
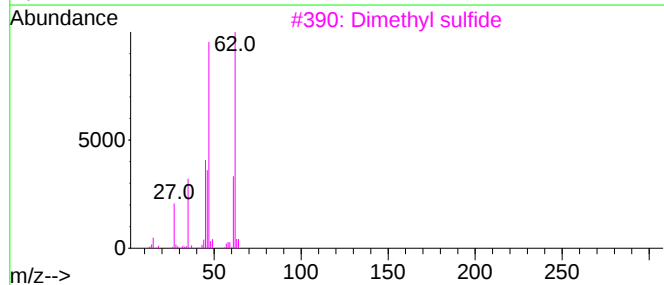
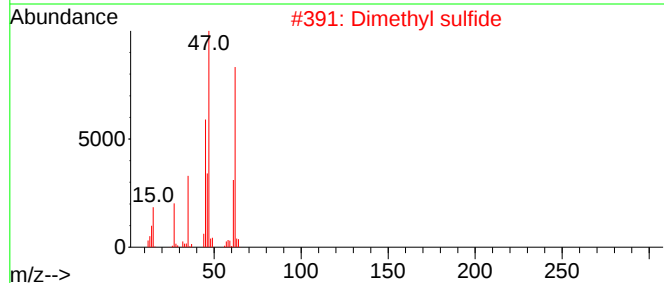
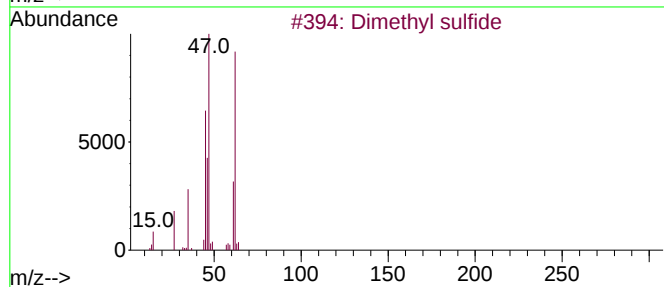
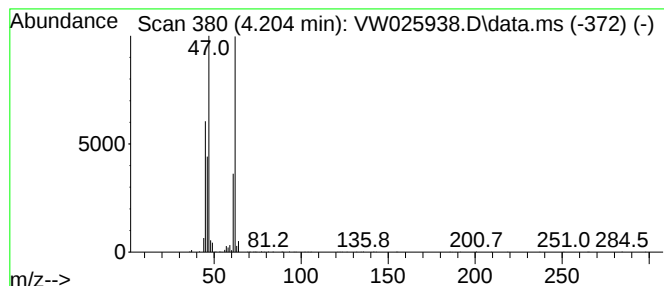
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Dimethyl sulfide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.204	5.80 ug/L	500058	1,4-Difluorobenzene	8.843

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dimethyl sulfide	62	C2H6S	000075-18-3	94
2			Dimethyl sulfide	62	C2H6S	000075-18-3	91
3			Dimethyl sulfide	62	C2H6S	000075-18-3	91
4			Dimethyl sulfide	62	C2H6S	000075-18-3	91
5			Dimethyl sulfide	62	C2H6S	000075-18-3	91



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TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Methanethiol	2.661	1.5	ug/L	131036	1	8.843	2155940	25.0
Dimethyl sulfide	4.204	5.8	ug/L	500058	1	8.843	2155940	25.0