

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031319\
 Data File : VV009643.D
 Acq On : 13 Mar 2019 18:45
 Operator : SY/MD
 Sample : K1794-01RE
 Misc : 4.25G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF5N3RE

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_V\METHOD\SOM2VLM031319S.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	1.319	65	71	82	rVB	29725	30495	6.54%	1.123%
2	1.544	137	141	144	rBV	12875	12264	2.63%	0.452%
3	2.126	312	322	336	rVB	81674	116886	25.06%	4.306%
4	2.229	346	354	370	rVB	72040	108252	23.21%	3.988%
5	2.418	407	413	414	rBV	444	362	0.08%	0.013%
6	2.534	437	449	460	rBV4	9489	16221	3.48%	0.598%
7	2.650	475	485	502	rVB	12651	26768	5.74%	0.986%
8	2.730	507	510	513	rBV2	232	175	0.04%	0.006%
9	2.907	562	565	568	rBV2	189	163	0.03%	0.006%
10	2.981	581	588	598	rVB5	2735	4998	1.07%	0.184%
11	3.077	605	618	626	rBV5	1600	3089	0.66%	0.114%
12	3.161	635	644	655	rBV4	997	1881	0.40%	0.069%
13	3.286	678	683	687	rVB2	369	301	0.06%	0.011%
14	3.364	704	707	710	rVB2	174	102	0.02%	0.004%
15	3.421	721	725	729	rBV2	161	157	0.03%	0.006%
16	3.508	749	752	754	rBV2	290	224	0.05%	0.008%
17	3.627	785	789	791	rBV	201	175	0.04%	0.006%
18	3.682	801	806	812	rBV	304	331	0.07%	0.012%
19	3.849	854	858	862	rVB	240	205	0.04%	0.008%
20	3.897	870	873	877	rVB	265	212	0.05%	0.008%
21	3.962	877	893	913	rBV6	6836	26829	5.75%	0.988%
22	4.232	973	977	979	rBV2	314	257	0.06%	0.009%
23	4.341	1007	1011	1012	rBV2	238	151	0.03%	0.006%
24	4.402	1012	1030	1056	rVV	60929	162961	34.94%	6.004%
25	4.579	1083	1085	1088	rBV2	233	151	0.03%	0.006%
26	4.634	1101	1102	1103	rVB	553	106	0.02%	0.004%
27	4.656	1107	1109	1113	rVV2	182	124	0.03%	0.005%
28	4.788	1146	1150	1156	rBV2	266	255	0.05%	0.009%
29	4.881	1174	1179	1181	rBV2	217	203	0.04%	0.007%
30	5.093	1226	1245	1271	rBV4	133788	342923	73.52%	12.634%
31	5.402	1339	1341	1344	rVB2	376	176	0.04%	0.006%
32	5.450	1352	1356	1359	rBV2	218	203	0.04%	0.007%
33	5.662	1407	1422	1440	rBV3	116493	231062	49.54%	8.513%
34	5.852	1478	1481	1483	rBV3	314	202	0.04%	0.007%

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35	5.907	1496	1498	1502	rBV	256	110	0.02%	0.004%
36	5.945	1505	1510	1519	rVB4	1583	1841	0.39%	0.068%
37	6.116	1549	1563	1586	rBV2	91691	189003	40.52%	6.963%
38	6.289	1614	1617	1619	rBV2	248	149	0.03%	0.005%
39	6.302	1619	1621	1623	rVB2	342	145	0.03%	0.005%
40	6.415	1653	1656	1659	rBV	221	170	0.04%	0.006%
41	6.749	1757	1760	1765	rBV	233	210	0.05%	0.008%
42	6.920	1807	1813	1817	rBV2	238	339	0.07%	0.012%
43	7.032	1831	1848	1861	rBV2	10386	17559	3.76%	0.647%
44	7.132	1865	1879	1913	rBV	254138	466444	100.00%	17.185%
45	7.360	1938	1950	1969	rBV	143837	250560	53.72%	9.231%
46	7.666	2031	2045	2056	rBV4	6983	12247	2.63%	0.451%
47	7.746	2068	2070	2077	rBV2	332	222	0.05%	0.008%
48	7.820	2091	2093	2094	rBV	245	103	0.02%	0.004%
49	7.942	2129	2131	2133	rBV2	200	121	0.03%	0.004%
50	8.077	2169	2173	2174	rBV	210	118	0.03%	0.004%
51	8.138	2184	2192	2194	rBV2	5578	6867	1.47%	0.253%
52	8.357	2258	2260	2266	rVB2	252	174	0.04%	0.006%
53	8.399	2269	2273	2274	rBV	134	111	0.02%	0.004%
54	8.521	2308	2311	2313	rBV2	328	231	0.05%	0.009%
55	8.598	2331	2335	2338	rBV	236	208	0.04%	0.008%
56	8.820	2401	2404	2410	rBV	280	308	0.07%	0.011%
57	8.897	2416	2428	2450	rBV	145629	254042	54.46%	9.359%
58	9.100	2485	2491	2494	rBV2	337	363	0.08%	0.013%
59	9.231	2530	2532	2535	rBV2	250	138	0.03%	0.005%
60	9.276	2538	2546	2550	rVB2	432	506	0.11%	0.019%
61	9.305	2550	2555	2559	rBV2	220	311	0.07%	0.011%
62	9.347	2564	2568	2570	rBV	300	229	0.05%	0.008%
63	9.463	2601	2604	2605	rBV	244	119	0.03%	0.004%
64	9.563	2633	2635	2638	rVV2	264	134	0.03%	0.005%
65	9.582	2638	2641	2646	rVV2	349	320	0.07%	0.012%
66	9.752	2691	2694	2696	rBV	177	110	0.02%	0.004%
67	9.842	2718	2722	2730	rVB4	1028	1003	0.22%	0.037%
68	9.910	2740	2743	2747	rBV	381	272	0.06%	0.010%
69	10.067	2789	2792	2793	rBV	238	151	0.03%	0.006%
70	10.122	2806	2809	2813	rBV2	270	233	0.05%	0.009%
71	10.264	2840	2853	2869	rBV	65614	106723	22.88%	3.932%

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72	10.389	2886	2892	2895	rBV2	201	230	0.05%	0.008%
73	10.424	2895	2903	2914	rVV3	3617	5848	1.25%	0.215%
74	10.505	2925	2928	2931	rBV	276	130	0.03%	0.005%
75	10.839	3023	3032	3049	rVB3	6844	12048	2.58%	0.444%
76	10.900	3049	3051	3054	rBV	288	177	0.04%	0.007%
77	10.948	3063	3066	3069	rBV2	217	151	0.03%	0.006%
78	10.968	3069	3072	3074	rBV2	188	104	0.02%	0.004%
79	11.006	3081	3084	3086	rBV2	160	117	0.03%	0.004%
80	11.154	3127	3130	3132	rBV	210	133	0.03%	0.005%
81	11.235	3147	3155	3159	rBV3	238	419	0.09%	0.015%
82	11.299	3163	3175	3191	rBV	81408	148101	31.75%	5.456%
83	11.556	3251	3255	3261	rBV	235	317	0.07%	0.012%
84	11.675	3280	3292	3310	rBV	80349	140252	30.07%	5.167%
85	12.222	3456	3462	3467	rBV2	420	364	0.08%	0.013%
86	12.251	3467	3471	3476	rBV2	327	356	0.08%	0.013%
87	12.350	3500	3502	3506	rBV2	132	122	0.03%	0.004%
88	12.601	3577	3580	3585	rBV2	187	168	0.04%	0.006%
89	12.659	3594	3598	3602	rBV2	243	300	0.06%	0.011%
90	12.755	3622	3628	3634	rBV4	1043	1114	0.24%	0.041%
91	12.836	3650	3653	3656	rBV2	403	289	0.06%	0.011%
92	13.251	3779	3782	3789	rBB2	293	240	0.05%	0.009%
93	13.337	3805	3809	3813	rBV2	395	372	0.08%	0.014%
94	13.379	3819	3822	3824	rBV	286	151	0.03%	0.006%
95	13.421	3833	3835	3841	rVB2	307	256	0.05%	0.009%
96	13.562	3876	3879	3880	rBV	309	205	0.04%	0.008%
97	13.604	3890	3892	3893	rBV	283	135	0.03%	0.005%
98	13.672	3911	3913	3917	rVB2	337	175	0.04%	0.006%
99	13.794	3945	3951	3953	rBV2	1025	905	0.19%	0.033%
100	14.199	4074	4077	4082	rBV2	458	371	0.08%	0.014%

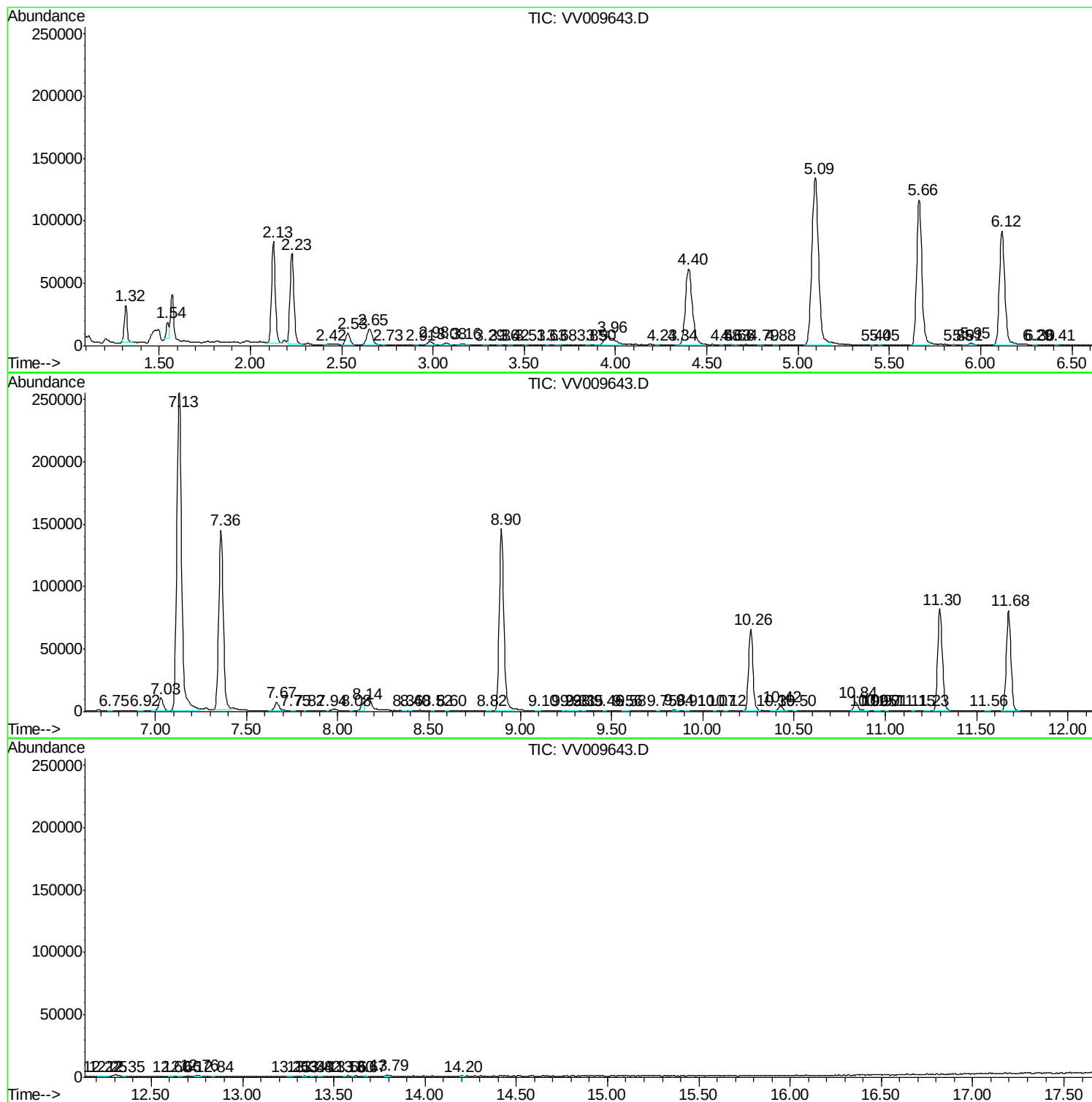
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM031319S.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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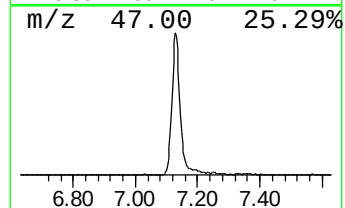
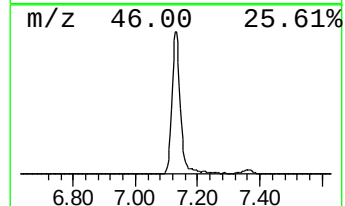
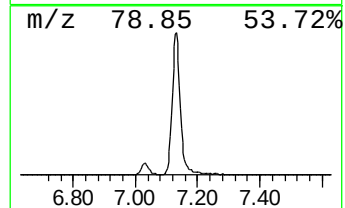
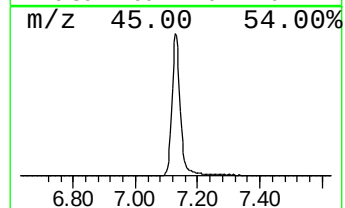
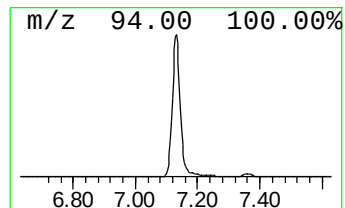
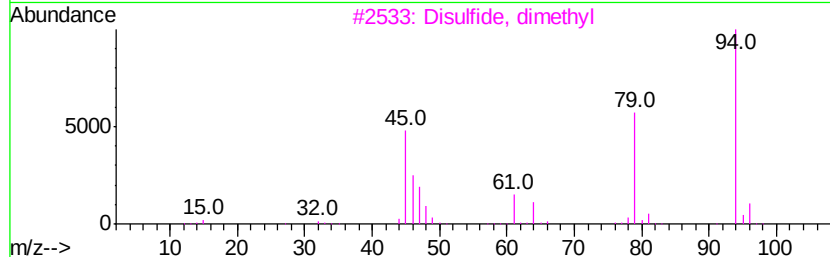
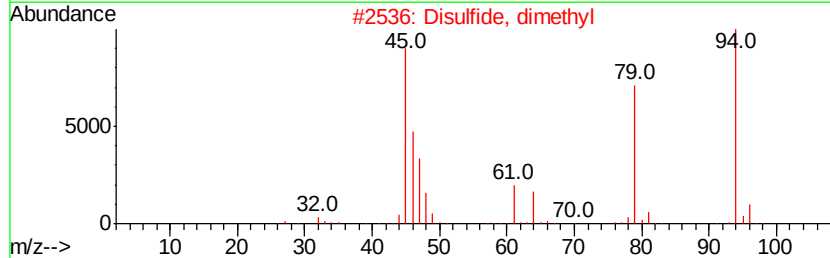
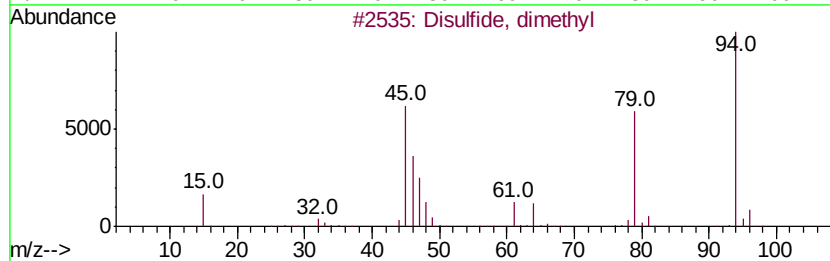
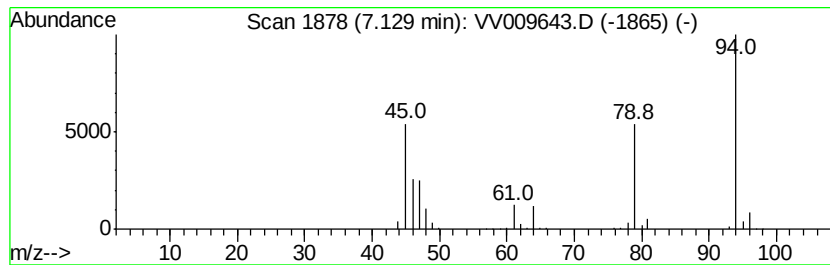
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM031319S.M
Quant Title : VOC Analysis

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

Peak Number 3 Disulfide, dimethyl Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.13	50.47 ug/L	466444	1,4-Difluorobenzene	5.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Disulfide, dimethyl	94	C2H6S2	000624-92-0	97
2		Disulfide, dimethyl	94	C2H6S2	000624-92-0	96
3		Disulfide, dimethyl	94	C2H6S2	000624-92-0	96
4		Disulfide, dimethyl	94	C2H6S2	000624-92-0	91
5		Disulfide, dimethyl	94	C2H6S2	000624-92-0	91



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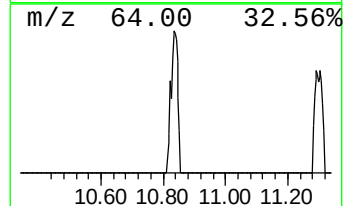
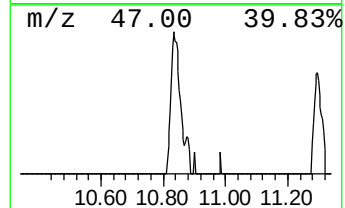
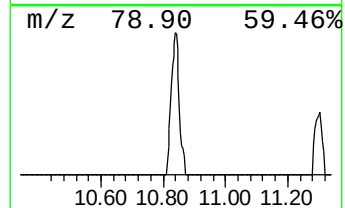
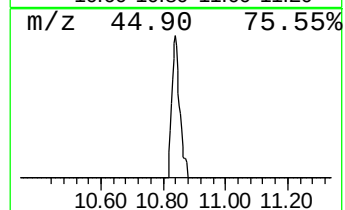
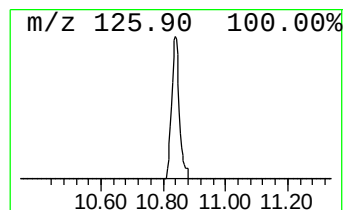
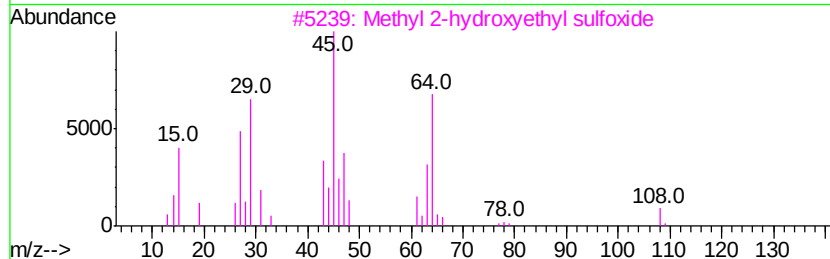
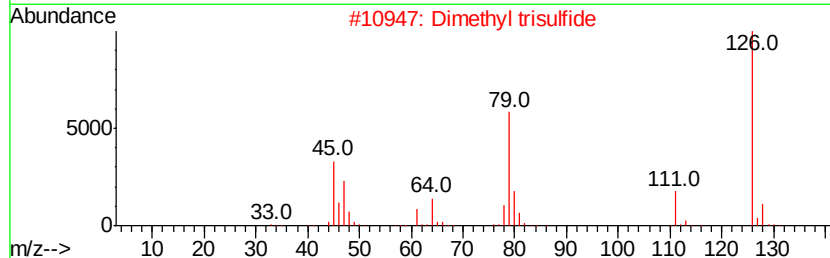
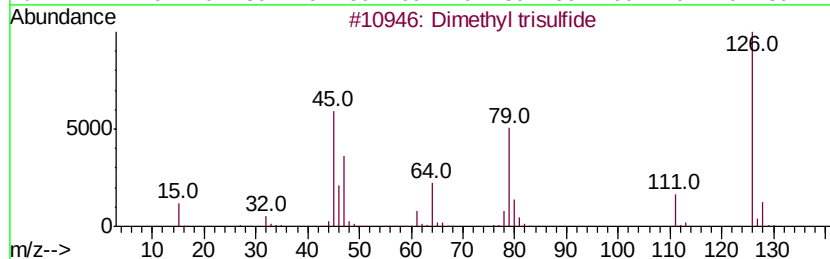
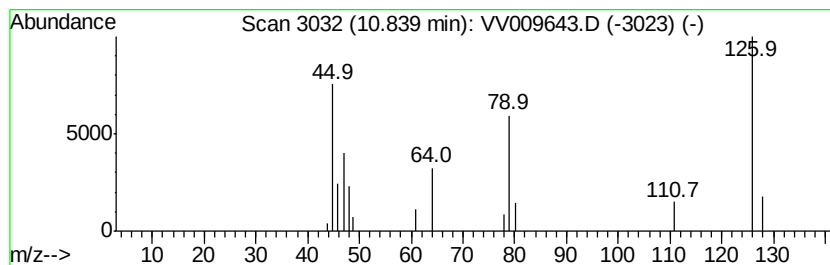
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Quant Title : VOC Analysis

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

Peak Number 4 Dimethyl trisulfide Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.84	2.03 ug/L	12048	1,4-Dichlorobenzene-d4	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dimethyl trisulfide	126	C2H6S3	003658-80-8	91
2		Dimethyl trisulfide	126	C2H6S3	003658-80-8	90
3		Methyl 2-hydroxyethyl sulfoxide	108	C3H8O2S	021281-74-3	17
4		Dimethyldithiophosphinic acid	126	C2H7PS2	016367-68-3	14
5		3-Methyl-2-furoic acid	126	C6H6O3	004412-96-8	9



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Disulfide, dimethyl	7.13	50.5	ug/L	466444	1	5.66	231062	25.0
Dimethyl trisulfide	10.84	2.0	ug/L	12048	3	11.30	148101	25.0