

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031319\
 Data File : VV009647.D
 Acq On : 13 Mar 2019 20:30
 Operator : SY/MD
 Sample : K1794-09
 Misc : 4.04G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF5N9

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	1.206	32	36	46	rBV3	4685	5947	1.88%	0.252%
2	1.319	65	71	80	rVB	37173	39047	12.31%	1.653%
3	1.569	144	149	158	rVB	43703	49830	15.72%	2.109%
4	2.126	314	322	334	rVB	93488	131029	41.32%	5.545%
5	2.229	346	354	369	rVB	56182	84619	26.69%	3.581%
6	2.534	438	449	462	rVB6	14212	26266	8.28%	1.112%
7	2.653	474	486	504	rBV	9117	19519	6.16%	0.826%
8	2.769	517	522	527	rBV2	244	291	0.09%	0.012%
9	2.981	586	588	591	rBV2	431	326	0.10%	0.014%
10	3.077	609	618	627	rVB4	2254	3837	1.21%	0.162%
11	3.158	639	643	646	rBV3	427	363	0.11%	0.015%
12	3.328	693	696	698	rBV	249	172	0.05%	0.007%
13	3.466	736	739	744	rBV2	240	191	0.06%	0.008%
14	3.508	749	752	755	rBV2	156	127	0.04%	0.005%
15	3.637	790	792	796	rBV2	180	120	0.04%	0.005%
16	3.666	796	801	804	rBV2	214	221	0.07%	0.009%
17	3.740	820	824	831	rBV	273	340	0.11%	0.014%
18	3.836	852	854	858	rBV2	256	160	0.05%	0.007%
19	3.913	876	878	879	rBV	147	44	0.01%	0.002%
20	3.955	879	891	896	rBV4	4924	9851	3.11%	0.417%
21	4.257	981	985	988	rBV3	505	302	0.10%	0.013%
22	4.306	998	1000	1002	rBV2	311	202	0.06%	0.009%
23	4.399	1013	1029	1055	rBV3	54205	145355	45.84%	6.152%
24	4.534	1068	1071	1073	rBV3	244	156	0.05%	0.007%
25	4.556	1073	1078	1080	rVV3	402	347	0.11%	0.015%
26	4.585	1084	1087	1089	rBV2	340	133	0.04%	0.006%
27	4.617	1095	1097	1100	rBV2	190	124	0.04%	0.005%
28	4.634	1100	1102	1104	rBV	317	142	0.04%	0.006%
29	4.778	1144	1147	1149	rBV	198	126	0.04%	0.005%
30	4.923	1189	1192	1195	rBV2	203	133	0.04%	0.006%
31	4.965	1203	1205	1208	rVB2	205	117	0.04%	0.005%
32	4.994	1208	1214	1216	rBV	252	231	0.07%	0.010%
33	5.093	1228	1245	1270	rBV2	125115	317083	100.00%	13.419%
34	5.360	1326	1328	1330	rBV2	216	126	0.04%	0.005%

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 Title : VOC Analysis

35	5.386	1334	1336	1339	rVB2	191	76	0.02%	0.003%
36	5.408	1340	1343	1346	rBV2	331	153	0.05%	0.006%
37	5.463	1357	1360	1367	rVB2	315	359	0.11%	0.015%
38	5.495	1367	1370	1371	rBV2	214	118	0.04%	0.005%
39	5.515	1371	1376	1379	rBV2	305	245	0.08%	0.010%
40	5.534	1379	1382	1386	rVV2	193	150	0.05%	0.006%
41	5.662	1407	1422	1442	rBV2	114265	230564	72.71%	9.758%
42	5.939	1504	1508	1510	rBV3	412	328	0.10%	0.014%
43	5.952	1510	1512	1519	rVB4	945	672	0.21%	0.028%
44	6.026	1532	1535	1540	rBV2	400	246	0.08%	0.010%
45	6.116	1550	1563	1586	rBV2	85424	175485	55.34%	7.427%
46	6.502	1679	1683	1688	rBV2	237	305	0.10%	0.013%
47	6.595	1710	1712	1713	rBV	257	98	0.03%	0.004%
48	6.695	1736	1743	1751	rVB4	1186	1646	0.52%	0.070%
49	6.765	1762	1765	1767	rBV	140	108	0.03%	0.005%
50	7.029	1837	1847	1861	rBV2	12151	20897	6.59%	0.884%
51	7.077	1861	1862	1863	rBV2	247	84	0.03%	0.004%
52	7.132	1865	1879	1907	rBV	134296	250129	78.88%	10.586%
53	7.360	1938	1950	1968	rBV	121041	214897	67.77%	9.095%
54	7.511	1995	1997	2003	rBV	317	262	0.08%	0.011%
55	7.585	2017	2020	2024	rBV2	240	163	0.05%	0.007%
56	7.666	2036	2045	2063	rBV	8947	14979	4.72%	0.634%
57	8.055	2161	2166	2167	rBV	227	201	0.06%	0.009%
58	8.138	2183	2192	2194	rBV	6640	8580	2.71%	0.363%
59	8.302	2242	2243	2244	rBV	308	114	0.04%	0.005%
60	8.379	2263	2267	2270	rBV	403	306	0.10%	0.013%
61	8.450	2287	2289	2291	rBV2	397	248	0.08%	0.010%
62	8.524	2310	2312	2313	rBV	177	57	0.02%	0.002%
63	8.611	2337	2339	2342	rBV2	270	220	0.07%	0.009%
64	8.666	2353	2356	2362	rBV2	310	255	0.08%	0.011%
65	8.695	2362	2365	2370	rBV2	275	274	0.09%	0.012%
66	8.897	2416	2428	2453	rBV	125766	216604	68.31%	9.167%
67	9.026	2464	2468	2469	rBV2	235	146	0.05%	0.006%
68	9.186	2512	2518	2522	rBV3	473	584	0.18%	0.025%
69	9.273	2541	2545	2548	rBV	267	242	0.08%	0.010%
70	9.331	2560	2563	2564	rBV	90	46	0.01%	0.002%
71	9.344	2564	2567	2569	rBV	209	132	0.04%	0.006%

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72	9.402	2581	2585	2588	rBV	266	251	0.08%	0.011%
73	9.572	2635	2638	2641	rBV2	222	132	0.04%	0.006%
74	9.842	2720	2722	2724	rBV	249	112	0.04%	0.005%
75	10.006	2769	2773	2776	rBV	286	246	0.08%	0.010%
76	10.051	2785	2787	2790	rVB	277	134	0.04%	0.006%
77	10.067	2790	2792	2794	rBV	157	96	0.03%	0.004%
78	10.100	2799	2802	2805	rVB2	188	124	0.04%	0.005%
79	10.122	2806	2809	2813	rBV2	176	157	0.05%	0.007%
80	10.264	2842	2853	2870	rVV	67648	110782	34.94%	4.688%
81	10.325	2870	2872	2879	rVB2	359	316	0.10%	0.013%
82	10.428	2896	2904	2915	rBV6	2639	4121	1.30%	0.174%
83	10.604	2956	2959	2960	rBV	116	68	0.02%	0.003%
84	10.839	3022	3032	3047	rVB4	8766	15212	4.80%	0.644%
85	11.206	3143	3146	3148	rBV2	217	137	0.04%	0.006%
86	11.299	3163	3175	3191	rBV	71358	128109	40.40%	5.422%
87	11.456	3221	3224	3227	rBV	263	149	0.05%	0.006%
88	11.675	3280	3292	3310	rBV	72346	123968	39.10%	5.247%
89	12.000	3392	3393	3394	rBV	443	95	0.03%	0.004%
90	12.405	3516	3519	3521	rBV	237	137	0.04%	0.006%
91	12.739	3616	3623	3624	rBV2	430	427	0.13%	0.018%
92	12.913	3674	3677	3683	rBV2	296	307	0.10%	0.013%
93	12.974	3693	3696	3703	rBV2	199	298	0.09%	0.013%
94	13.238	3775	3778	3780	rBV	286	186	0.06%	0.008%
95	13.585	3884	3886	3889	rVB2	241	88	0.03%	0.004%
96	14.067	4034	4036	4041	rBV	270	180	0.06%	0.008%
97	15.344	4431	4433	4435	rBV2	448	188	0.06%	0.008%

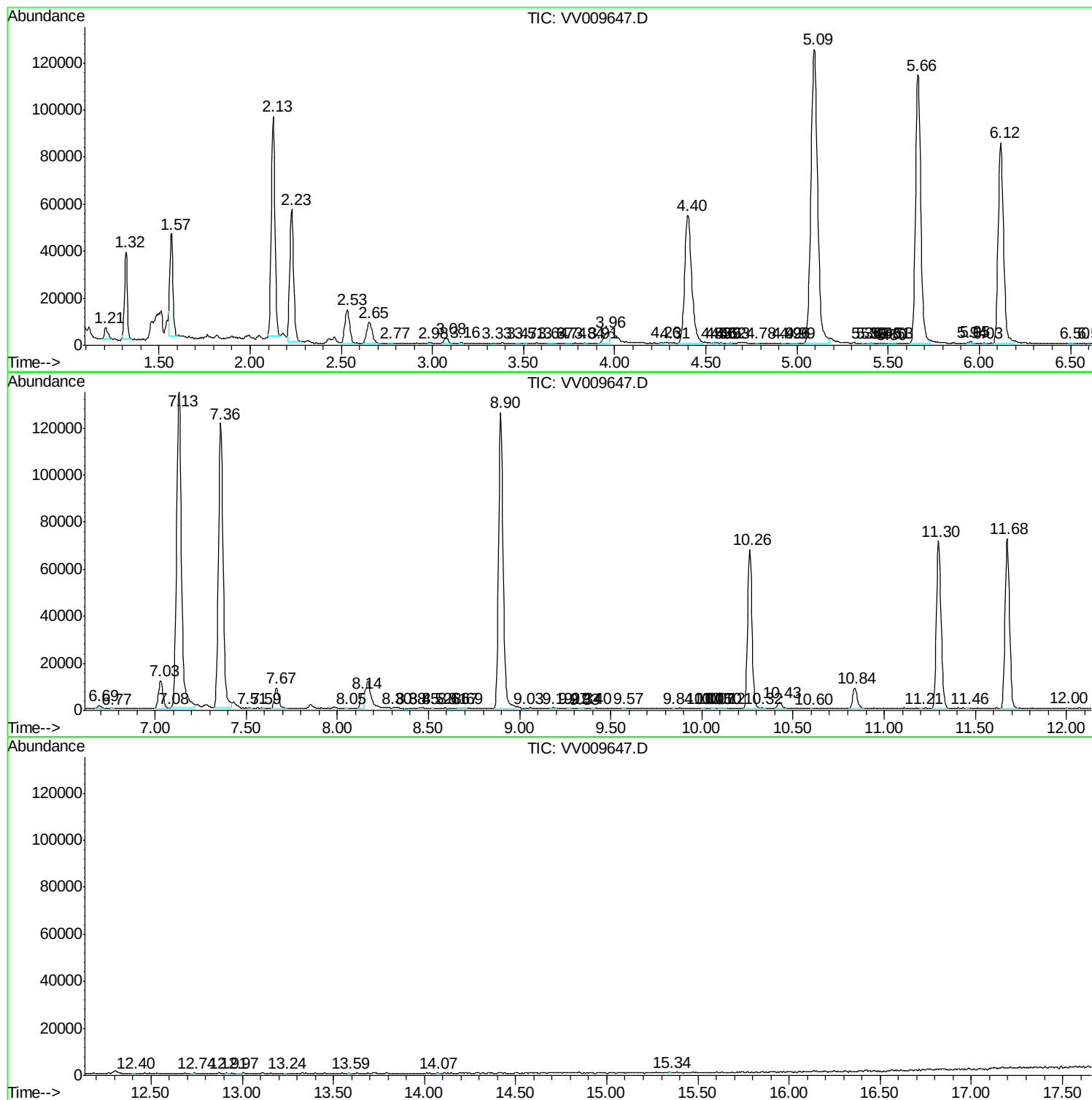
Sum of corrected areas: 2362870

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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



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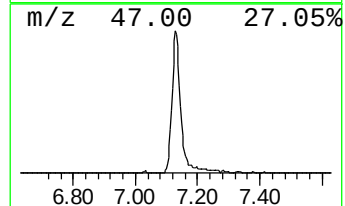
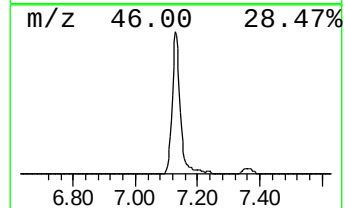
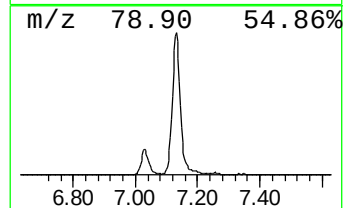
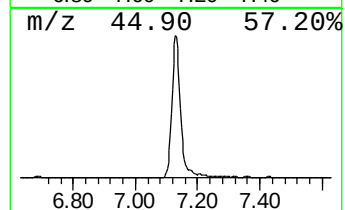
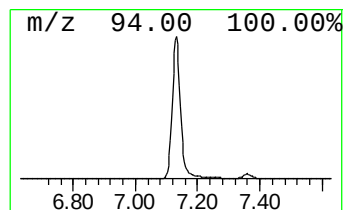
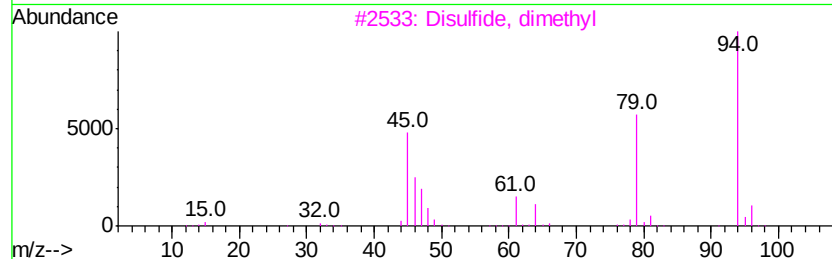
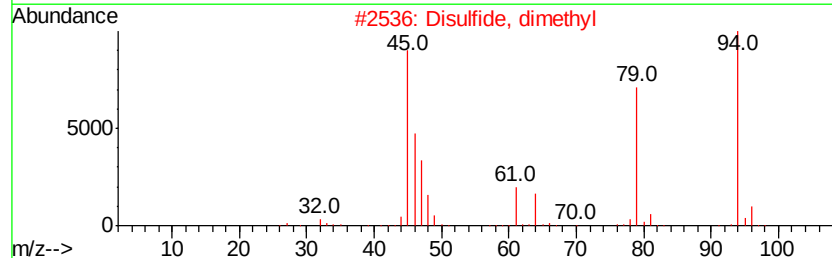
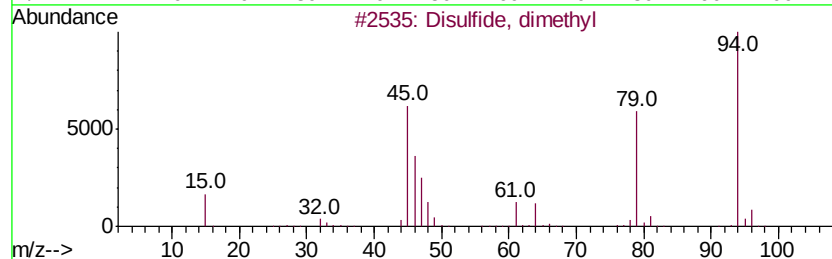
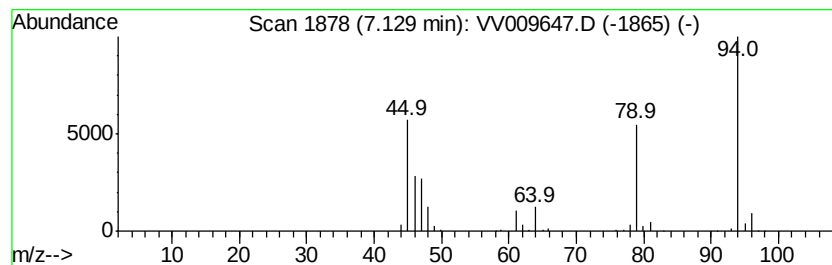
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM031319S.M
Quant Title : VOC Analysis

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	27.12 ug/L	250129	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	94
4		Disulfide, dimethyl	94	C2H6S2	000624-92-0	94
5		Disulfide, dimethyl	94	C2H6S2	000624-92-0	91



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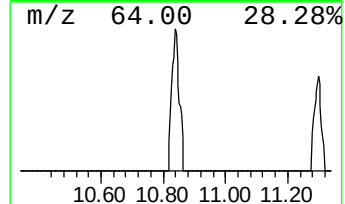
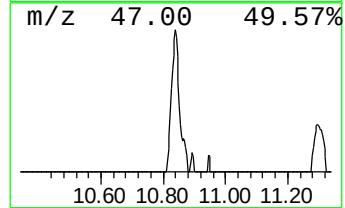
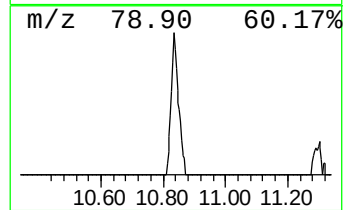
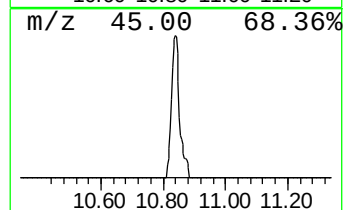
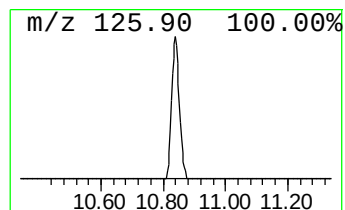
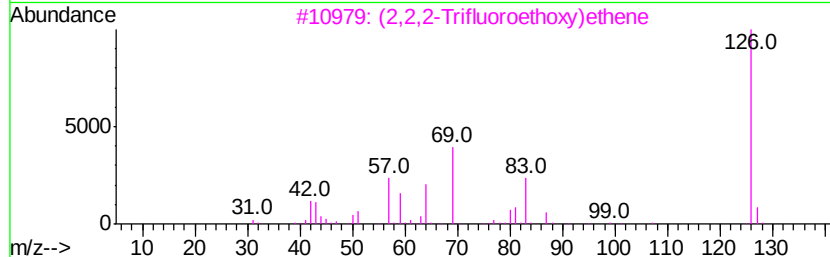
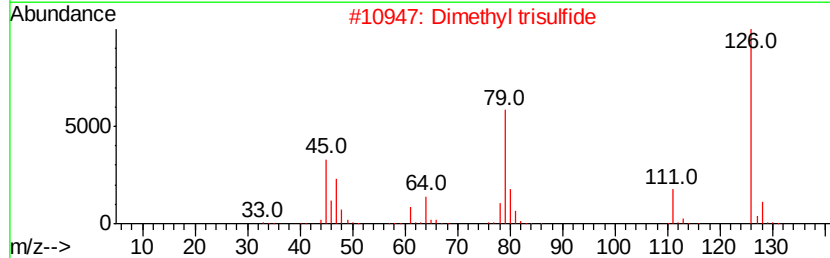
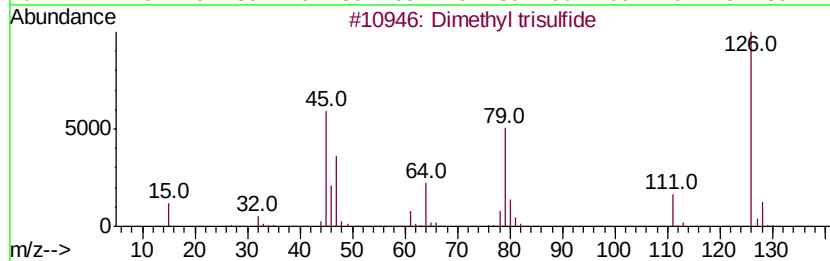
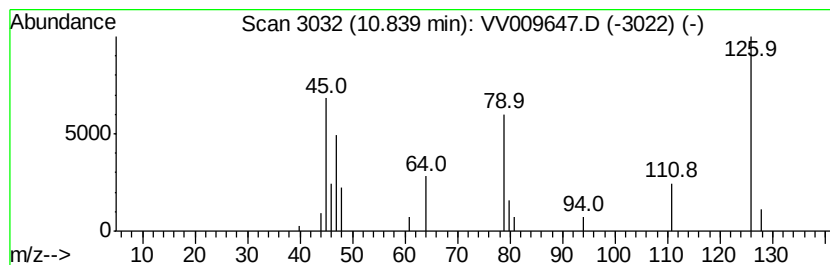
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Peak Number 4 Dimethyl trisulfide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.84	2.97 ug/L	15212	1,4-Dichlorobenzene-d4	11.30
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Dimethyl trisulfide	126 C2H6S3	003658-80-8 87
2		Dimethyl trisulfide	126 C2H6S3	003658-80-8 86
3		(2,2,2-Trifluoroethoxy)ethene	126 C4H5F3O	1000306-54-7 9
4		Dimethyldithiophosphinic acid	126 C2H7PS2	016367-68-3 9
5		3-Nonyne, 9-methoxy-	154 C10H18O	054699-39-7 9



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Disulfide, dimethyl	7.13	27.1	ug/L	250129	1	5.66	230564	25.0
Dimethyl trisulfide	10.84	3.0	ug/L	15212	3	11.30	128109	25.0