LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032819\
Data File : VV009988.D
Acq On : 29 Mar 2019 02:15
Operator : SY/MD
Sample : K2120-05
Misc : 4.73G/10mL/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF5C8

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_V\METHOD\SOM2VLM032619S.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	1.312	64	69	75	rVB	75671	69159	16.46%	2.740%
2	1.553	139	144	154	rVB	80391	96436	22.95%	3.820%
3	2.113	311	318	331	rVB	127089	176639	42.03%	6.997%
4	2.418	411	413	415	rBV2	681	430	0.10%	0.017%
5	2.528	437	447	463	rVB4	22519	42875	10.20%	1.698%
6	2.923	568	570	574	rVB2	538	412	0.10%	0.016%
7	3.016	595	599	602	rBV2	445	320	0.08%	0.013%
8	3.415	717	723	724	rBV2	743	657	0.16%	0.026%
9	3.473	737	741	748	rBV4	689	795	0.19%	0.031%
10	3.544	759	763	766	rBV4	669	529	0.13%	0.021%
11	3.589	775	777	780	rVB	666	368	0.09%	0.015%
12	3.647	793	795	797	rBV	691	327	0.08%	0.013%
13	3.933	874	884	889	rBV4	7950	14634	3.48%	0.580%
14	4.225	972	975	978	rVB2	665	366	0.09%	0.014%
15	4.396	1014	1028	1054	rVB2	58999	169106	40.24%	6.699%
16	4.582	1084	1086	1090	rVB2	766	487	0.12%	0.019%
17	4.601	1090	1092	1095	rVB	747	336	0.08%	0.013%
18	4.627	1095	1100	1103	rBV3	527	528	0.13%	0.021%
19	4.695	1114	1121	1126	rVV7	1225	1710	0.41%	0.068%
20	4.910	1185	1188	1193	rVB3	742	418	0.10%	0.017%
21	4.939	1194	1197	1202	rVB2	549	336	0.08%	0.013%
22	5.090	1226	1244	1264	rBV3	162568	420238	100.00%	16.647%
23	5.338	1319	1321	1324	rBV	548	361	0.09%	0.014%
24	5.399	1336	1340	1344	rVV4	918	846	0.20%	0.034%
25	5.441	1349	1353	1355	rBV2	634	373	0.09%	0.015%
26	5.579	1393	1396	1398	rBV	627	476	0.11%	0.019%
27	5.659	1407	1421	1442	rBV	116269	234191	55.73%	9.277%
28	5.936	1505	1507	1511	rBV3	1145	776	0.18%	0.031%
29	6.000	1524	1527	1530	rBV2	570	400	0.10%	0.016%
30	6.026	1530	1535	1538	rVV4	406	372	0.09%	0.015%
31	6.113	1548	1562	1581	rBV	100117	206782	49.21%	8.192%
32	6.225	1593	1597	1600	rBV3	672	642	0.15%	0.025%
33	6.286	1613	1616	1620	rBV3	705	457	0.11%	0.018%
34	6.544	1692	1696	1699	rBV3	468	414	0.10%	0.016%

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Instrument : MSVOA_V
ClientSampleId : BF5C8

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

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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Title : VOC Analysis

35	6.807	1771	1778	1779	rBV2	2470	2180	0.52%	0.086%
36	6.965	1821	1827	1831	rBV2	578	672	0.16%	0.027%
37	7.029	1836	1847	1857	rBV2	28405	50057	11.91%	1.983%
38	7.125	1866	1877	1897	rBV2	24454	46761	11.13%	1.852%
39	7.248	1911	1915	1917	rVB2	723	533	0.13%	0.021%
40	7.286	1917	1927	1929	rBV6	1337	1973	0.47%	0.078%
41	7.357	1938	1949	1963	rBV	160523	275099	65.46%	10.898%
42	7.492	1989	1991	1995	rVB3	799	461	0.11%	0.018%
43	7.527	2000	2002	2008	rVB3	1297	1159	0.28%	0.046%
44	7.560	2008	2012	2016	rBV2	587	528	0.13%	0.021%
45	7.576	2016	2017	2022	rVB	858	338	0.08%	0.013%
46	7.598	2022	2024	2030	rBV4	1118	729	0.17%	0.029%
47	7.630	2030	2034	2035	rBV2	724	489	0.12%	0.019%
48	7.662	2035	2044	2056	rBV3	19524	31715	7.55%	1.256%
49	7.846	2098	2101	2102	rBV2	840	368	0.09%	0.015%
50	7.888	2111	2114	2116	rBV2	605	407	0.10%	0.016%
51	7.978	2137	2142	2147	rBV5	1316	1638	0.39%	0.065%
52	8.132	2182	2190	2198	rBV2	24741	44356	10.55%	1.757%
53	8.582	2326	2330	2333	rBV2	642	419	0.10%	0.017%
54	8.614	2338	2340	2346	rVB3	865	772	0.18%	0.031%
55	8.653	2349	2352	2355	rBV2	727	400	0.10%	0.016%
56	8.672	2355	2358	2361	rBV2	544	336	0.08%	0.013%
57	8.698	2364	2366	2370	rVB2	871	493	0.12%	0.020%
58	8.720	2370	2373	2377	rBB	795	668	0.16%	0.026%
59	8.746	2377	2381	2382	rBV	572	367	0.09%	0.015%
60	8.775	2386	2390	2395	rVB2	870	694	0.17%	0.027%
61	8.833	2402	2408	2409	rBV2	526	489	0.12%	0.019%
62	8.894	2416	2427	2446	rBV	152383	247250	58.84%	9.795%
63	9.141	2501	2504	2507	rBV2	663	520	0.12%	0.021%
64	9.232	2529	2532	2535	rBV3	801	408	0.10%	0.016%
65	9.331	2560	2563	2566	rBV2	804	533	0.13%	0.021%
66	9.495	2609	2614	2615	rBV	466	346	0.08%	0.014%
67	9.621	2648	2653	2655	rBV2	632	508	0.12%	0.020%
68	9.945	2751	2754	2757	rBV2	520	428	0.10%	0.017%
69	10.032	2778	2781	2783	rBV2	778	440	0.10%	0.017%
70	10.138	2810	2814	2817	rVB3	555	411	0.10%	0.016%
71	10.158	2817	2820	2823	rBV3	756	634	0.15%	0.025%

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Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Title : VOC Analysis

72	10.260	2839	2852	2865	rBV2	61635	99036	23.57%	3.923%
73	10.424	2897	2903	2913	rVB4	2602	3822	0.91%	0.151%
74	10.595	2953	2956	2960	rVB2	529	391	0.09%	0.015%
75	10.633	2966	2968	2970	rBV	663	367	0.09%	0.015%
76	10.666	2976	2978	2981	rBV2	466	365	0.09%	0.014%
77	10.836	3021	3031	3042	rBV3	12951	20237	4.82%	0.802%
78	11.071	3102	3104	3110	rVV4	544	677	0.16%	0.027%
79	11.109	3114	3116	3119	rBV	548	319	0.08%	0.013%
80	11.193	3134	3142	3148	rVV8	2774	4505	1.07%	0.178%
81	11.296	3163	3174	3186	rBV	66357	112539	26.78%	4.458%
82	11.672	3280	3291	3305	rVV2	65448	107257	25.52%	4.249%
83	11.829	3338	3340	3345	rBV3	863	725	0.17%	0.029%
84	13.280	3789	3791	3798	rBV4	507	390	0.09%	0.015%
85	13.598	3885	3890	3891	rBV2	654	491	0.12%	0.019%
86	13.775	3942	3945	3946	rBV3	913	534	0.13%	0.021%
87	13.797	3947	3952	3960	rVB7	3658	4918	1.17%	0.195%
88	14.077	4036	4039	4041	rBV3	762	416	0.10%	0.016%
89	14.180	4068	4071	4072	rBV2	942	380	0.09%	0.015%
90	14.225	4082	4085	4093	rBV5	1318	1490	0.35%	0.059%
91	14.305	4106	4110	4112	rBV3	761	510	0.12%	0.020%
92	14.408	4137	4142	4144	rBV4	951	941	0.22%	0.037%
93	14.739	4241	4245	4247	rBV2	738	563	0.13%	0.022%
94	15.144	4367	4371	4374	rBV2	919	751	0.18%	0.030%
95	15.289	4414	4416	4421	rBV4	726	621	0.15%	0.025%
96	15.334	4428	4430	4432	rVB	895	359	0.09%	0.014%
97	15.926	4610	4614	4617	rBV2	913	916	0.22%	0.036%
98	16.225	4705	4707	4709	rBV	720	440	0.10%	0.017%
99	16.492	4787	4790	4796	rBV4	1075	1019	0.24%	0.040%
100	16.527	4799	4801	4804	rBV3	918	591	0.14%	0.023%

Sum of corrected areas: 2524345

LSC Report - Integrated Chromatogram

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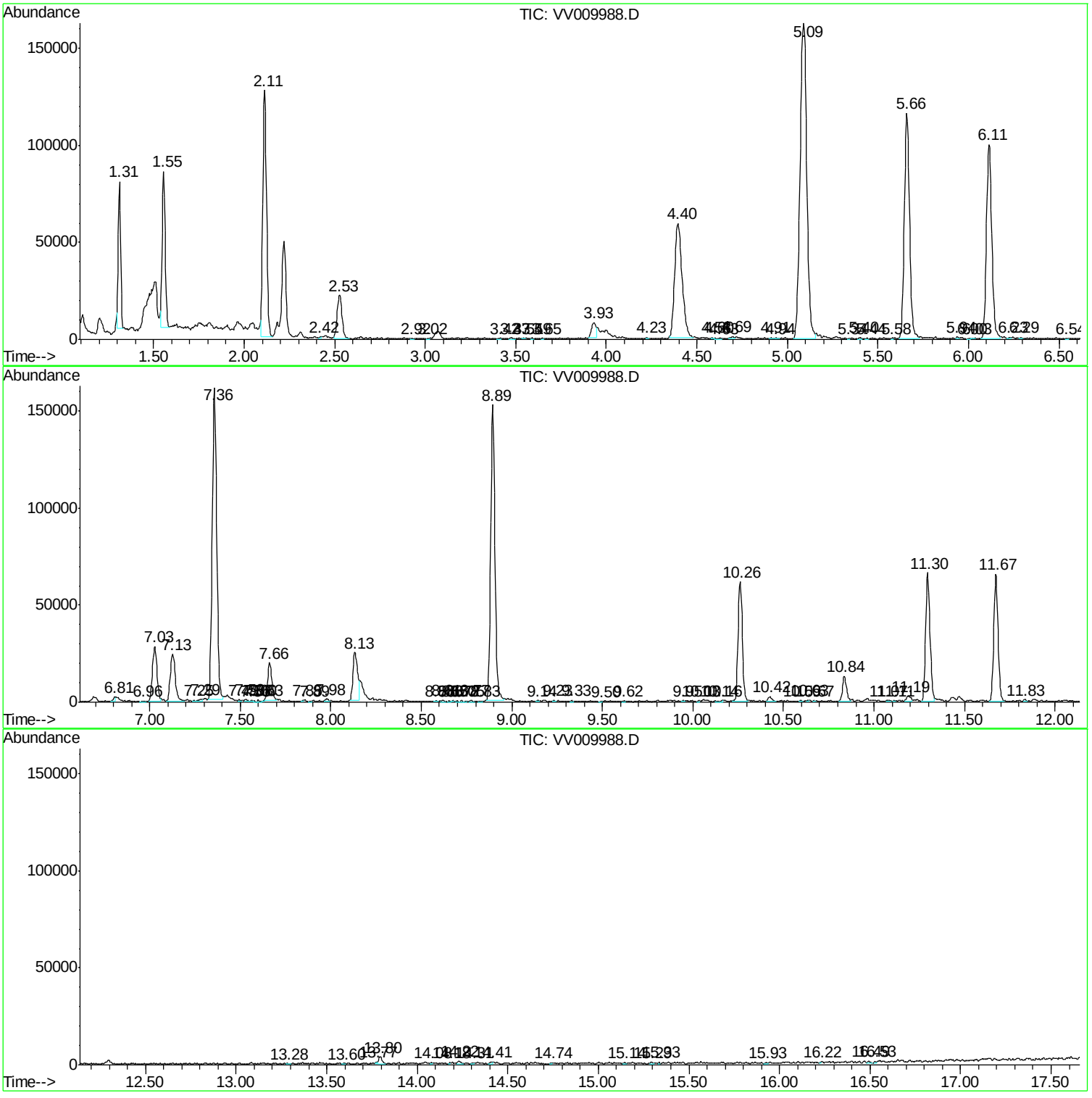
ClientSampleId : BF5C8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis

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



Library Search Compound Report

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Quant Title : VOC Analysis

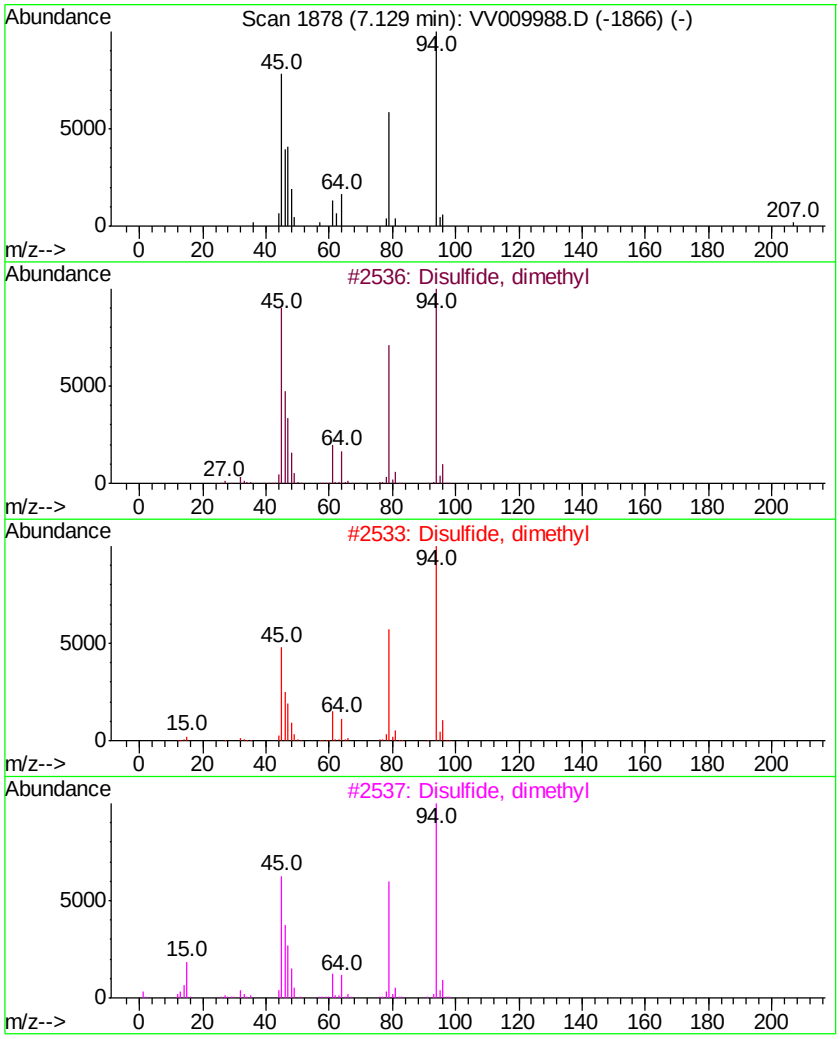
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

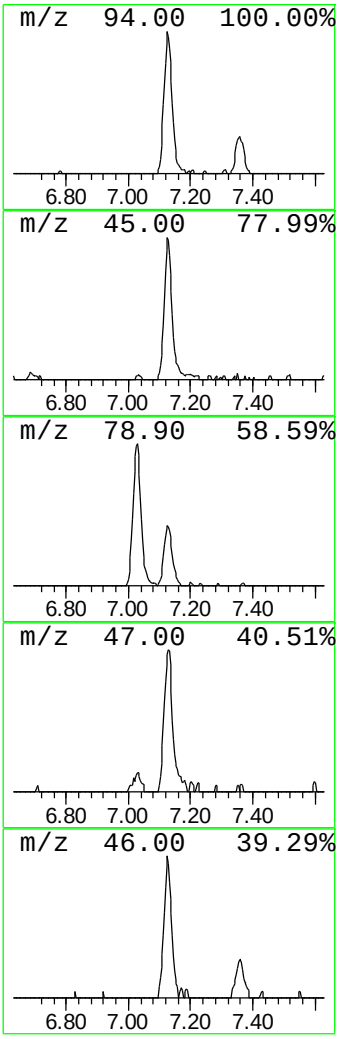
****

Peak Number 2 Disulfide, dimethyl Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.13	4.99 ug/L	46761	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Disulfide, dimethyl	94	C2H6S2	000624-92-0	91
2	Disulfide, dimethyl	94	C2H6S2	000624-92-0	86
3	Disulfide, dimethyl	94	C2H6S2	000624-92-0	83
4	Disulfide, dimethyl	94	C2H6S2	000624-92-0	83
5	Disulfide, dimethyl	94	C2H6S2	000624-92-0	83





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Quant Title : VOC Analysis

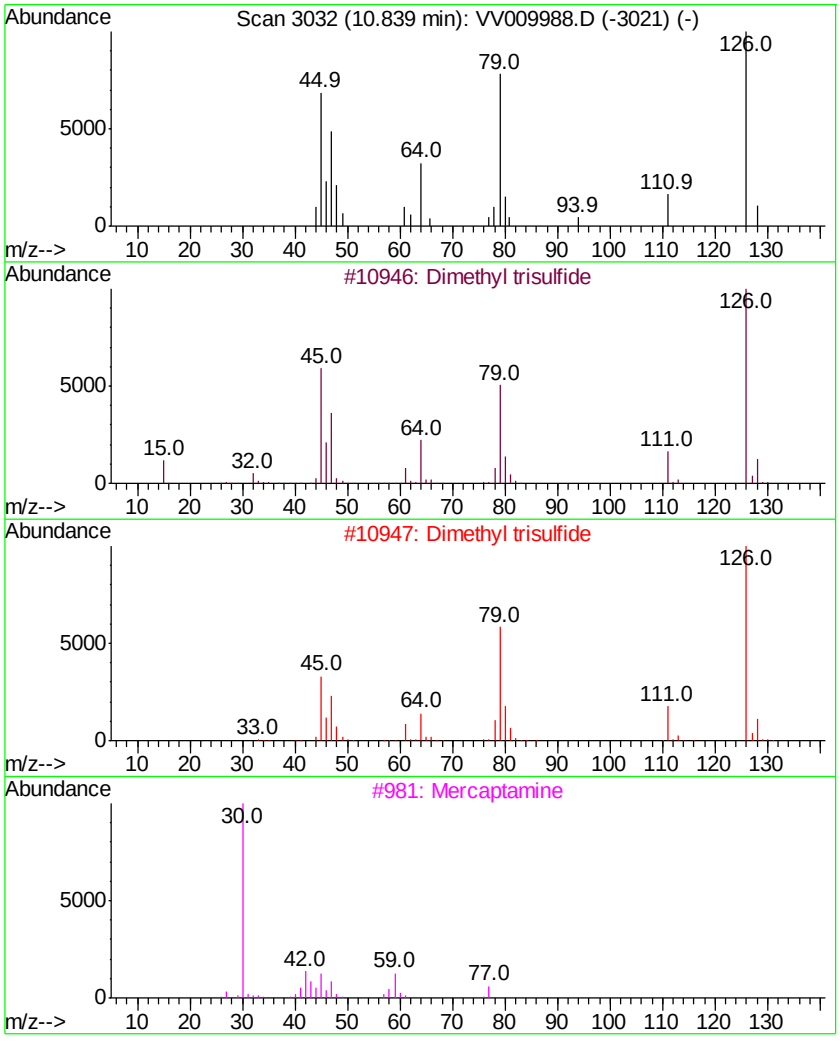
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

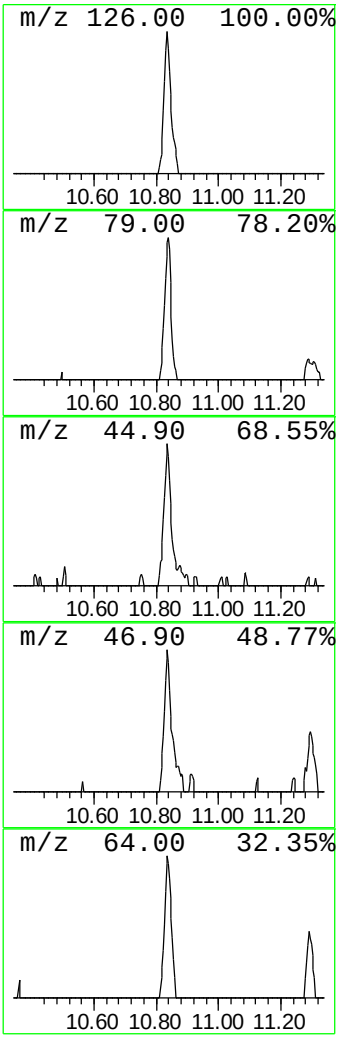
****

Peak Number 3 Dimethyl trisulfide Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.84	4.50 ug/L	20237	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl trisulfide	126	C2H6S3	003658-80-8	90
2	Dimethyl trisulfide	126	C2H6S3	003658-80-8	87
3	Mercaptamine	77	C2H7NS	000060-23-1	27
4	Butane, 4-chloro-1,1,1-trifluoro-	146	C4H6ClF3	000406-85-9	23
5	Dimethyldithiophosphinic acid	126	C2H7PS2	016367-68-3	12





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Disulfide, dimethyl	7.13	5.0	ug/L	46761	1	5.66	234191	25.0
Dimethyl trisulfide	10.84	4.5	ug/L	20237	3	11.30	112539	25.0