LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032819\
Data File : VV009989.D
Acq On : 29 Mar 2019 02:41
Operator : SY/MD
Sample : K2120-04
Misc : 5.14G/10mL/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF5C7

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	1.309	62	68	78	rVB	117808	126668	19.52%	3.335%
2	1.557	141	145	158	rVB	185814	208176	32.08%	5.482%
3	2.116	310	319	331	rVB	136110	200209	30.86%	5.272%
4	2.528	436	447	460	rVB3	25387	43770	6.75%	1.153%
5	2.608	470	472	476	rVB	625	363	0.06%	0.010%
6	2.949	575	578	580	rBV2	805	489	0.08%	0.013%
7	3.068	604	615	625	rBV7	5325	11110	1.71%	0.293%
8	3.164	639	645	650	rBV3	873	952	0.15%	0.025%
9	3.293	683	685	689	rVV2	714	403	0.06%	0.011%
10	3.409	717	721	723	rBV2	971	606	0.09%	0.016%
11	3.441	729	731	737	rBV2	490	441	0.07%	0.012%
12	3.695	806	810	814	rBV2	576	485	0.07%	0.013%
13	3.798	840	842	844	rBV2	637	401	0.06%	0.011%
14	3.865	857	863	867	rVB3	854	601	0.09%	0.016%
15	3.939	874	886	899	rBV2	8369	25980	4.00%	0.684%
16	4.206	966	969	972	rBV2	569	350	0.05%	0.009%
17	4.393	1007	1027	1049	rBV2	105939	268013	41.31%	7.057%
18	4.714	1124	1127	1130	rBV2	723	497	0.08%	0.013%
19	4.730	1130	1132	1136	rBV2	795	443	0.07%	0.012%
20	4.804	1152	1155	1158	rBV3	733	465	0.07%	0.012%
21	5.090	1225	1244	1269	rBV2	257846	648836	100.00%	17.085%
22	5.511	1370	1375	1379	rBV4	670	603	0.09%	0.016%
23	5.537	1379	1383	1384	rBV3	676	471	0.07%	0.012%
24	5.573	1390	1394	1395	rBV2	852	553	0.09%	0.015%
25	5.601	1401	1403	1407	rBV3	808	532	0.08%	0.014%
26	5.659	1407	1421	1440	rBV	193102	386731	59.60%	10.183%
27	5.981	1519	1521	1526	rBV3	470	377	0.06%	0.010%
28	6.113	1547	1562	1588	rBV3	146207	307211	47.35%	8.089%
29	6.325	1624	1628	1633	rBV3	604	692	0.11%	0.018%
30	6.354	1633	1637	1639	rBV	876	623	0.10%	0.016%
31	6.389	1645	1648	1650	rVB2	724	335	0.05%	0.009%
32	6.418	1656	1657	1662	rBV2	470	402	0.06%	0.011%
33	6.534	1689	1693	1696	rVB3	632	460	0.07%	0.012%
34	6.605	1712	1715	1717	rBV2	555	339	0.05%	0.009%

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Instrument : MSVOA_V
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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
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Peak separation: 5

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

35	6.701	1736	1745	1750	rBV7	2536	4136	0.64%	0.109%
36	6.817	1769	1781	1793	rBV7	3720	8150	1.26%	0.215%
37	6.872	1796	1798	1803	rVB2	673	422	0.07%	0.011%
38	7.029	1837	1847	1865	rVB3	38350	71344	11.00%	1.879%
39	7.129	1869	1878	1894	rVB2	26609	49621	7.65%	1.307%
40	7.209	1901	1903	1907	rVB3	685	379	0.06%	0.010%
41	7.296	1921	1930	1936	rBV7	2242	3990	0.61%	0.105%
42	7.357	1938	1949	1966	rVV	255758	434307	66.94%	11.436%
43	7.585	2016	2020	2023	rBV2	604	459	0.07%	0.012%
44	7.662	2035	2044	2063	rBV2	26194	44785	6.90%	1.179%
45	7.772	2076	2078	2080	rVB2	1024	439	0.07%	0.012%
46	7.810	2084	2090	2093	rBV3	923	935	0.14%	0.025%
47	7.846	2097	2101	2103	rBV3	788	481	0.07%	0.013%
48	8.016	2153	2154	2156	rBV	775	392	0.06%	0.010%
49	8.052	2162	2165	2168	rBV	504	319	0.05%	0.008%
50	8.135	2181	2191	2200	rBV3	29698	60608	9.34%	1.596%
51	8.453	2288	2290	2297	rVB3	630	491	0.08%	0.013%
52	8.479	2297	2298	2303	rBV3	633	383	0.06%	0.010%
53	8.576	2323	2328	2331	rBV3	711	658	0.10%	0.017%
54	8.659	2353	2354	2359	rVB2	645	372	0.06%	0.010%
55	8.894	2415	2427	2458	rBV	224061	373554	57.57%	9.836%
56	9.187	2515	2518	2523	rVB4	802	710	0.11%	0.019%
57	9.260	2538	2541	2544	rVB3	685	439	0.07%	0.012%
58	9.302	2550	2554	2558	rBV3	409	366	0.06%	0.010%
59	9.344	2563	2567	2570	rBV2	572	404	0.06%	0.011%
60	9.444	2593	2598	2600	rBV2	540	404	0.06%	0.011%
61	9.486	2608	2611	2614	rBV	620	546	0.08%	0.014%
62	9.778	2700	2702	2704	rBV2	763	436	0.07%	0.011%
63	9.839	2714	2721	2724	rBV3	864	927	0.14%	0.024%
64	9.916	2742	2745	2747	rBV	825	514	0.08%	0.014%
65	10.023	2776	2778	2781	rBV	578	375	0.06%	0.010%
66	10.058	2786	2789	2793	rBV2	638	480	0.07%	0.013%
67	10.125	2807	2810	2814	rBV3	489	368	0.06%	0.010%
68	10.158	2817	2820	2821	rBV	694	375	0.06%	0.010%
69	10.219	2835	2839	2840	rBV2	1014	608	0.09%	0.016%
70	10.260	2840	2852	2867	rVB2	84630	132204	20.38%	3.481%
71	10.421	2893	2902	2914	rBV4	3767	6198	0.96%	0.163%

LSC Area Percent Report

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Integration Parameters: LSCINT.P
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Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Title : VOC Analysis

72	10.836	3022	3031	3041	rBV4	15193	25067	3.86%	0.660%
73	10.952	3063	3067	3070	rBV3	1098	1027	0.16%	0.027%
74	11.196	3137	3143	3148	rVB7	1398	1950	0.30%	0.051%
75	11.296	3163	3174	3191	rBV2	98972	161950	24.96%	4.264%
76	11.547	3248	3252	3257	rVB4	878	764	0.12%	0.020%
77	11.672	3280	3291	3307	rVB	91079	150393	23.18%	3.960%
78	11.810	3327	3334	3344	rBV7	1527	2410	0.37%	0.063%
79	11.865	3349	3351	3352	rBV	809	359	0.06%	0.009%
80	11.881	3352	3356	3358	rVV3	884	583	0.09%	0.015%
81	12.093	3420	3422	3426	rBV	673	529	0.08%	0.014%
82	12.299	3481	3486	3495	rVB5	2597	3913	0.60%	0.103%
83	12.395	3514	3516	3520	rBV	559	394	0.06%	0.010%
84	12.550	3561	3564	3568	rBV2	710	535	0.08%	0.014%
85	12.871	3663	3664	3668	rBV	465	323	0.05%	0.009%
86	12.932	3680	3683	3687	rBV2	435	483	0.07%	0.013%
87	13.051	3718	3720	3726	rVB4	584	554	0.09%	0.015%
88	13.083	3726	3730	3734	rVB3	845	775	0.12%	0.020%
89	13.109	3734	3738	3741	rBV2	557	381	0.06%	0.010%
90	13.132	3742	3745	3749	rBV2	645	583	0.09%	0.015%
91	13.495	3855	3858	3862	rBV	668	458	0.07%	0.012%
92	13.527	3866	3868	3870	rBV	650	364	0.06%	0.010%
93	13.566	3876	3880	3883	rBV2	798	550	0.08%	0.014%
94	13.585	3883	3886	3890	rVB2	503	396	0.06%	0.010%
95	13.939	3995	3996	4000	rBV2	478	358	0.06%	0.009%
96	14.071	4035	4037	4041	rBV2	590	372	0.06%	0.010%
97	14.202	4075	4078	4081	rBV2	695	447	0.07%	0.012%
98	14.228	4084	4086	4090	rVB2	821	407	0.06%	0.011%
99	14.784	4256	4259	4261	rBV2	646	458	0.07%	0.012%
100	16.543	4804	4806	4808	rBV2	1290	796	0.12%	0.021%

Sum of corrected areas: 3797745

LSC Report - Integrated Chromatogram

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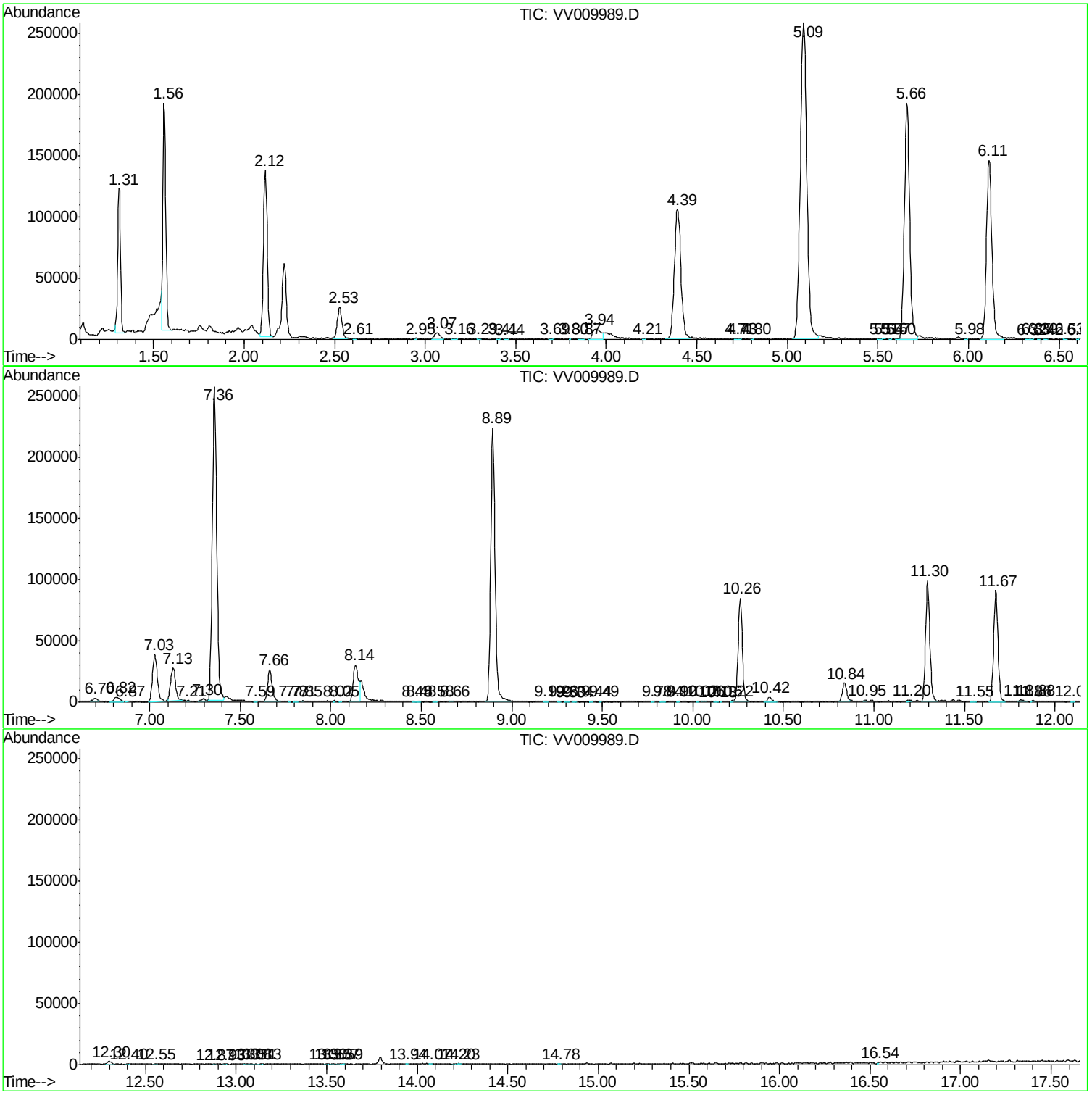
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF5C7

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



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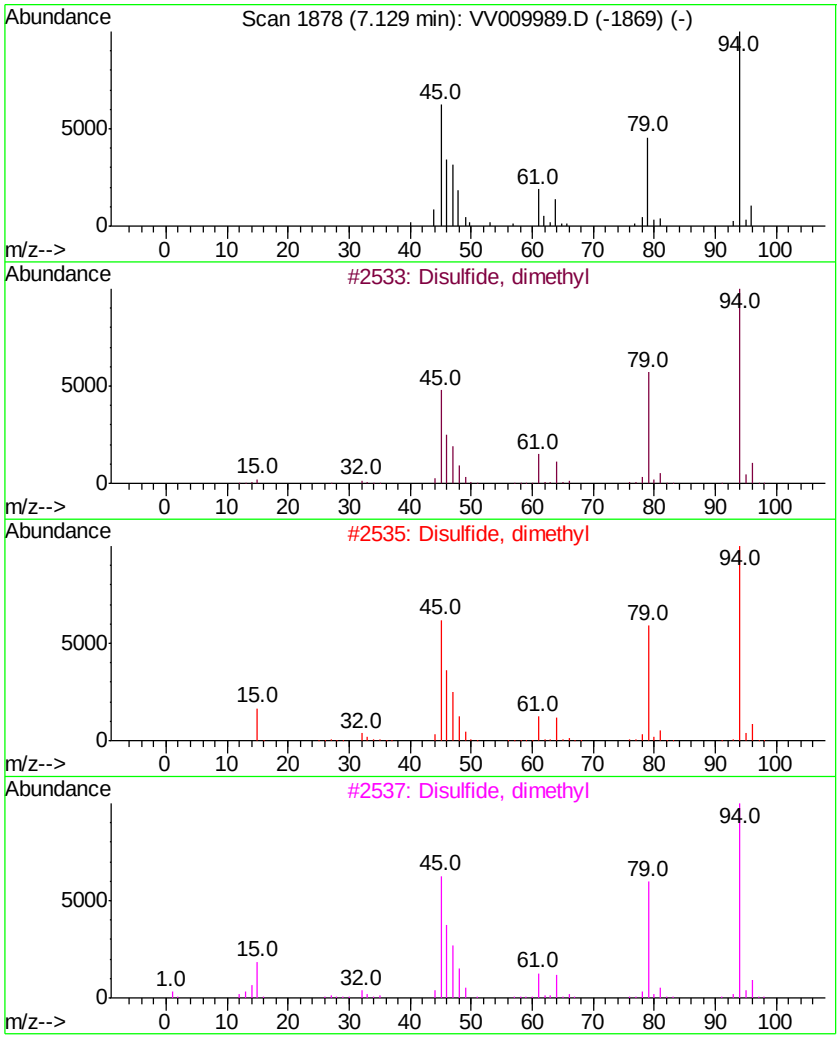
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

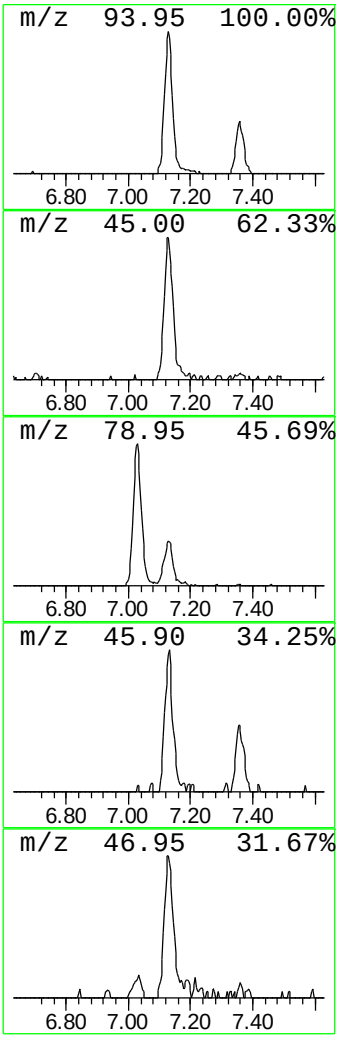
****

Peak Number 2 Disulfide, dimethyl Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.13	3.21 ug/L	49621	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	91
3	Disulfide, dimethyl	94	C2H6S2	000624-92-0	81
4	Disulfide, dimethyl	94	C2H6S2	000624-92-0	81
5	Disulfide, dimethyl	94	C2H6S2	000624-92-0	72





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

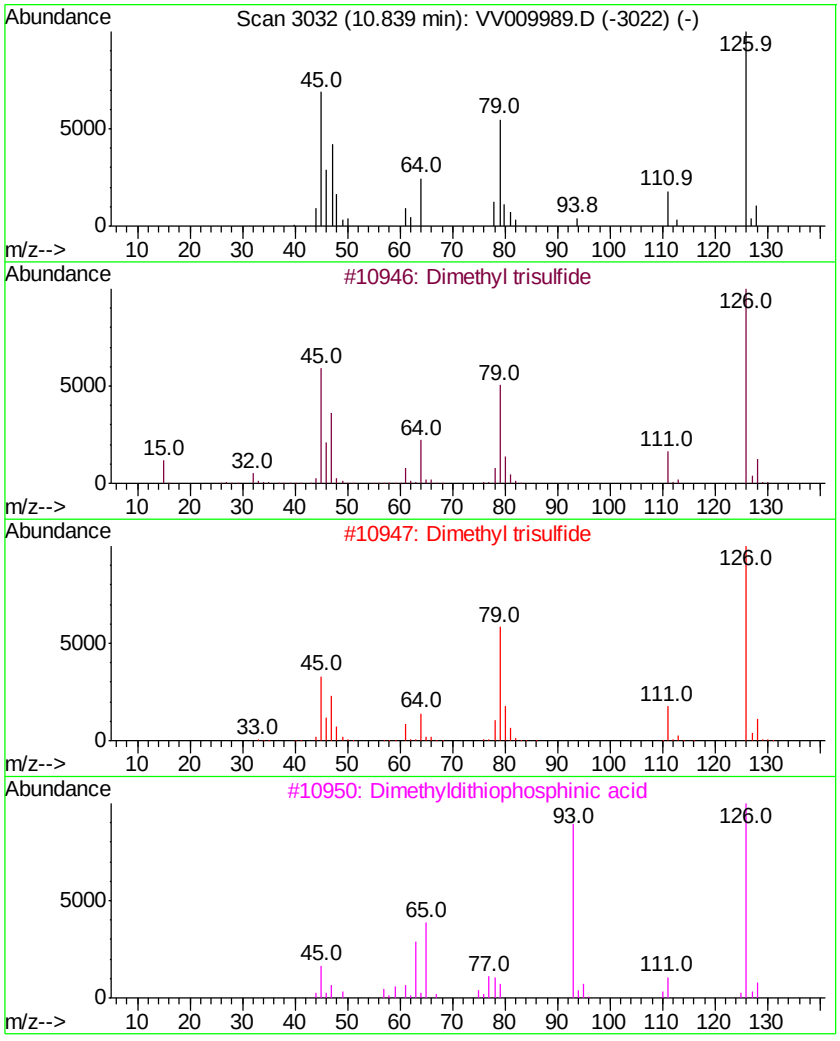
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

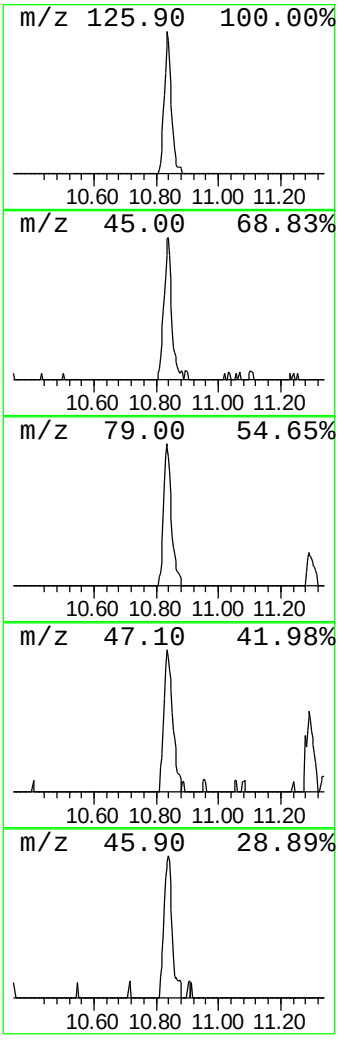
****

Peak Number 3 Dimethyl trisulfide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.84	3.87 ug/L	25067	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl trisulfide	126	C2H6S3	003658-80-8	95
2	Dimethyl trisulfide	126	C2H6S3	003658-80-8	90
3	Dimethyldithiophosphinic acid	126	C2H7PS2	016367-68-3	25
4	2-Mercaptophenol	126	C6H6OS	001121-24-0	9
5	2H-Pyrazole-3-carboxylic acid, 2...	126	C5H6N2O2	1000304-39-7	9





Tentatively Identified Compound (LSC) summary

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Quant Title : VOC Analysis

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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	3.2	ug/L	49621	1	5.66	386731	25.0
Dimethyl trisulfide	10.84	3.9	ug/L	25067	3	11.30	161950	25.0