LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032619\
Data File : VW009481.D
Acq On : 26 Mar 2019 23:38
Operator : SY/VA
Sample : K2065-15
Misc : 5.28G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BF5P7

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\SOM2WLM031419S.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	2.355	70	74	82	rVB	43488	88724	9.93%	1.407%
2	4.019	337	347	359	rBV2	75774	251821	28.18%	3.994%
3	4.196	371	376	393	rVB2	51783	142678	15.97%	2.263%
4	4.599	440	442	445	rBV3	1668	2306	0.26%	0.037%
5	4.763	468	469	470	rVB	2950	1078	0.12%	0.017%
6	4.794	472	474	475	rBV	1565	1017	0.11%	0.016%
7	4.836	479	481	483	rBV	1915	1672	0.19%	0.027%
8	4.916	486	494	495	rBV3	12192	27200	3.04%	0.431%
9	5.050	515	516	518	rBV2	1551	1071	0.12%	0.017%
10	5.092	521	523	525	rBV	1602	1106	0.12%	0.018%
11	5.190	537	539	543	rBV2	2021	2473	0.28%	0.039%
12	5.330	561	562	566	rBV	1107	1018	0.11%	0.016%
13	5.513	590	592	594	rBV	2021	1549	0.17%	0.025%
14	5.568	600	601	605	rBV2	899	1265	0.14%	0.020%
15	5.635	611	612	614	rVB	1355	937	0.10%	0.015%
16	5.696	620	622	623	rBV2	1547	1132	0.13%	0.018%
17	5.714	623	625	627	rVV	1301	1047	0.12%	0.017%
18	5.934	653	661	667	rBV4	7487	19587	2.19%	0.311%
19	6.050	678	680	683	rBV2	1603	1703	0.19%	0.027%
20	6.098	687	688	691	rVB	1934	1569	0.18%	0.025%
21	6.141	693	695	696	rBV	2352	2336	0.26%	0.037%
22	6.214	704	707	711	rVB	2707	2433	0.27%	0.039%
23	6.245	711	712	716	rBV	1891	2361	0.26%	0.037%
24	6.293	718	720	722	rBV	1749	2176	0.24%	0.035%
25	6.318	722	724	727	rVB	1270	1326	0.15%	0.021%
26	6.476	748	750	751	rVV	1185	982	0.11%	0.016%
27	6.495	751	753	756	rVB2	2568	2031	0.23%	0.032%
28	6.897	817	819	821	rBV	2211	2111	0.24%	0.033%
29	6.921	821	823	825	rBV	1431	1370	0.15%	0.022%
30	7.019	838	839	842	rBV	2291	1390	0.16%	0.022%
31	7.080	842	849	855	rBV	19202	59423	6.65%	0.942%
32	7.251	875	877	878	rBV	1920	1030	0.12%	0.016%
33	7.415	902	904	905	rBV	2502	1986	0.22%	0.031%
34	7.641	931	941	952	rBV	182379	439699	49.20%	6.974%

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BF5P7

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_W\METHOD\SOM2WLM031419S.M
Title : VOC Analysis

35	7.720	952	954	956	rVB	2055	1265	0.14%	0.020%
36	7.744	956	958	959	rBV	1045	1028	0.12%	0.016%
37	7.793	964	966	969	rBV	1987	2610	0.29%	0.041%
38	7.854	975	976	978	rBV2	1897	1810	0.20%	0.029%
39	8.061	1008	1010	1011	rBV	1515	1080	0.12%	0.017%
40	8.116	1017	1019	1022	rVB	2149	2051	0.23%	0.033%
41	8.141	1022	1023	1024	rBV	1700	967	0.11%	0.015%
42	8.275	1033	1045	1060	rBV2	271903	893633	100.00%	14.173%
43	8.439	1070	1072	1073	rVB	2474	1330	0.15%	0.021%
44	8.452	1073	1074	1076	rBV	1704	1161	0.13%	0.018%
45	8.470	1076	1077	1079	rVB	1788	1034	0.12%	0.016%
46	8.500	1080	1082	1083	rVB	1845	908	0.10%	0.014%
47	8.610	1098	1100	1101	rBV	1567	1011	0.11%	0.016%
48	8.775	1124	1127	1128	rBV	1783	1708	0.19%	0.027%
49	8.793	1128	1130	1131	rVV	2176	1736	0.19%	0.028%
50	8.842	1131	1138	1149	rVV	320725	629278	70.42%	9.980%
51	8.994	1161	1163	1165	rVB	2499	1684	0.19%	0.027%
52	9.067	1171	1175	1177	rBV3	2374	3987	0.45%	0.063%
53	9.104	1179	1181	1182	rBV	1719	1511	0.17%	0.024%
54	9.159	1189	1190	1192	rBV	1686	1330	0.15%	0.021%
55	9.268	1200	1208	1217	rBV	222569	460723	51.56%	7.307%
56	9.439	1233	1236	1239	rVB2	2016	2921	0.33%	0.046%
57	9.464	1239	1240	1241	rBV	1639	1108	0.12%	0.018%
58	9.512	1246	1248	1249	rBV2	1687	1245	0.14%	0.020%
59	9.616	1263	1265	1268	rVB	1658	949	0.11%	0.015%
60	9.842	1300	1302	1304	rBV	1955	1464	0.16%	0.023%
61	9.896	1305	1311	1317	rVB4	4385	11925	1.33%	0.189%
62	10.031	1326	1333	1342	rBV2	60923	119216	13.34%	1.891%
63	10.128	1345	1349	1358	rVB3	27684	50115	5.61%	0.795%
64	10.250	1366	1369	1374	rVB3	3642	5195	0.58%	0.082%
65	10.323	1374	1381	1389	rBV	328049	579468	64.84%	9.190%
66	10.463	1401	1404	1405	rBV	2276	2276	0.25%	0.036%
67	10.579	1416	1423	1431	rBV2	49574	89545	10.02%	1.420%
68	10.768	1452	1454	1455	rBV	2424	1011	0.11%	0.016%
69	10.927	1474	1480	1493	rBV5	79520	220481	24.67%	3.497%
70	11.506	1572	1575	1576	rBV	2242	2537	0.28%	0.040%
71	11.628	1589	1595	1605	rBV	406590	704938	78.88%	11.180%

LSC Area Percent Report

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BF5P7

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
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Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Title : VOC Analysis

72	12.420	1724	1725	1726	rBV	2135	1313	0.15%	0.021%
73	12.469	1729	1733	1737	rVV4	10329	16968	1.90%	0.269%
74	12.536	1743	1744	1746	rBV	2072	1087	0.12%	0.017%
75	12.603	1749	1755	1763	rVB5	13621	32854	3.68%	0.521%
76	12.695	1763	1770	1779	rBV	211917	364950	40.84%	5.788%
77	12.841	1793	1794	1796	rBV	1448	1209	0.14%	0.019%
78	12.945	1806	1811	1812	rBV4	4605	6912	0.77%	0.110%
79	13.030	1821	1825	1830	rVB4	17291	29554	3.31%	0.469%
80	13.073	1830	1832	1833	rBV	1764	1257	0.14%	0.020%
81	13.121	1838	1840	1841	rBV	2347	2229	0.25%	0.035%
82	13.195	1848	1852	1856	rBV2	10386	14733	1.65%	0.234%
83	13.304	1862	1870	1876	rBV5	5582	13373	1.50%	0.212%
84	13.408	1883	1887	1894	rVB5	8430	18123	2.03%	0.287%
85	13.469	1894	1897	1898	rBV2	4575	4309	0.48%	0.068%
86	13.560	1906	1912	1918	rBV	314882	480159	53.73%	7.615%
87	13.774	1943	1947	1950	rBV5	3935	6408	0.72%	0.102%
88	13.853	1954	1960	1967	rBV	235447	401289	44.91%	6.364%
89	14.073	1992	1996	2000	rVB3	6791	11201	1.25%	0.178%
90	14.268	2026	2028	2032	rVB3	3179	2580	0.29%	0.041%
91	14.524	2068	2070	2071	rVB2	2283	1456	0.16%	0.023%
92	14.542	2071	2073	2075	rBV	2007	1751	0.20%	0.028%
93	14.566	2075	2077	2080	rVB	2149	2137	0.24%	0.034%
94	15.091	2161	2163	2165	rBV2	2178	2368	0.26%	0.038%
95	15.627	2249	2251	2254	rBV	2103	1367	0.15%	0.022%
96	15.871	2289	2291	2293	rBV2	3066	2092	0.23%	0.033%
97	16.182	2340	2342	2344	rBV	2187	1279	0.14%	0.020%
98	16.200	2344	2345	2349	rVV2	2573	2247	0.25%	0.036%
99	16.237	2349	2351	2352	rVB	2271	1155	0.13%	0.018%
100	16.371	2371	2373	2374	rBV	1875	1076	0.12%	0.017%

Sum of corrected areas: 6305282

LSC Report - Integrated Chromatogram

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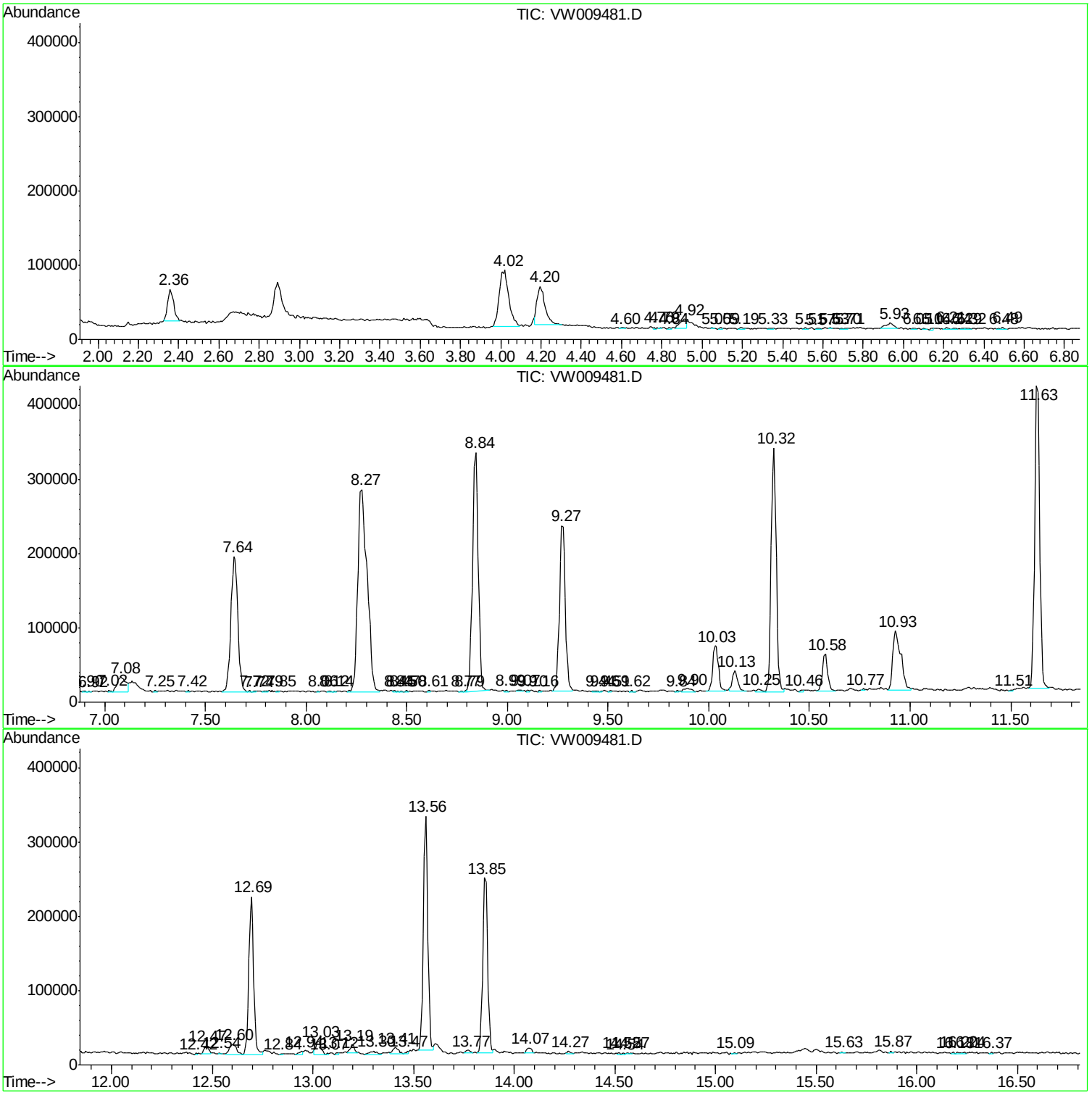
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BF5P7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis

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



Library Search Compound Report

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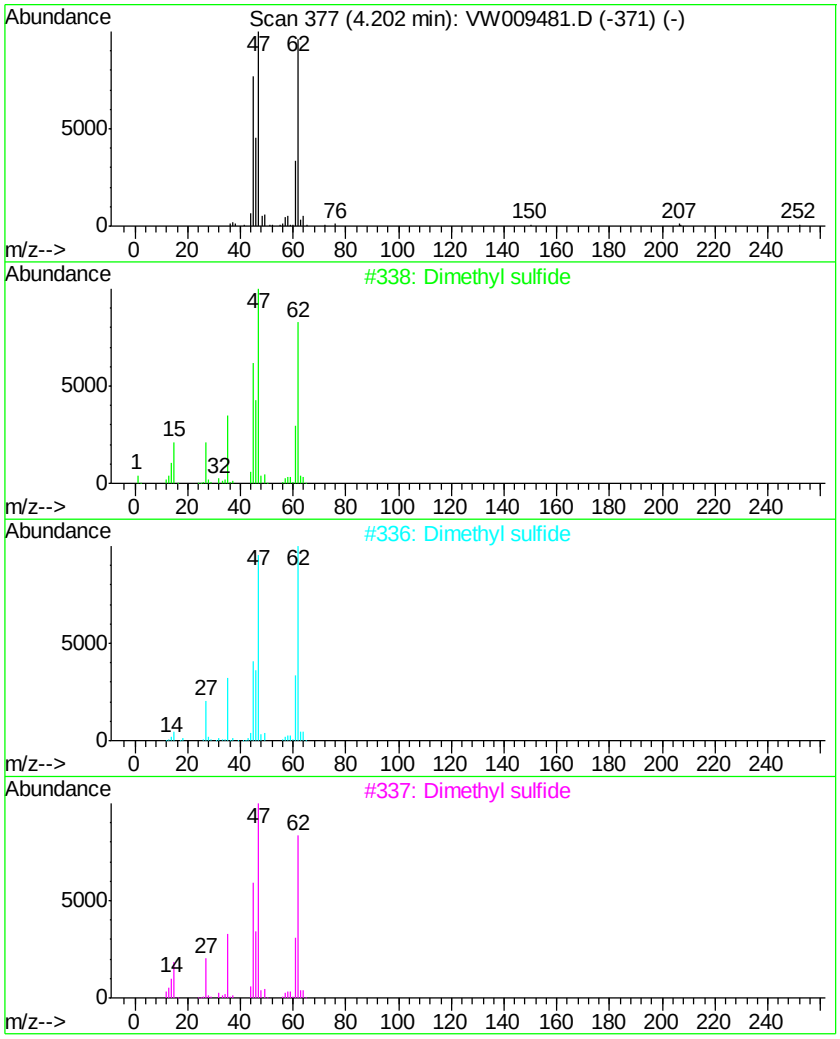
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

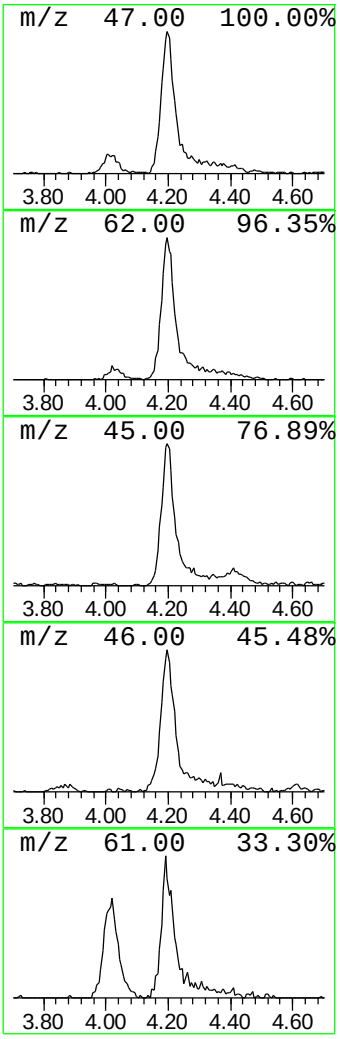
****

Peak Number 1 Dimethyl sulfide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.20	5.67 ug/L	142678	1,4-Difluorobenzene	8.84

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	90
5	Borane-methyl sulfide complex	76	C2H9BS	013292-87-0	80





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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis

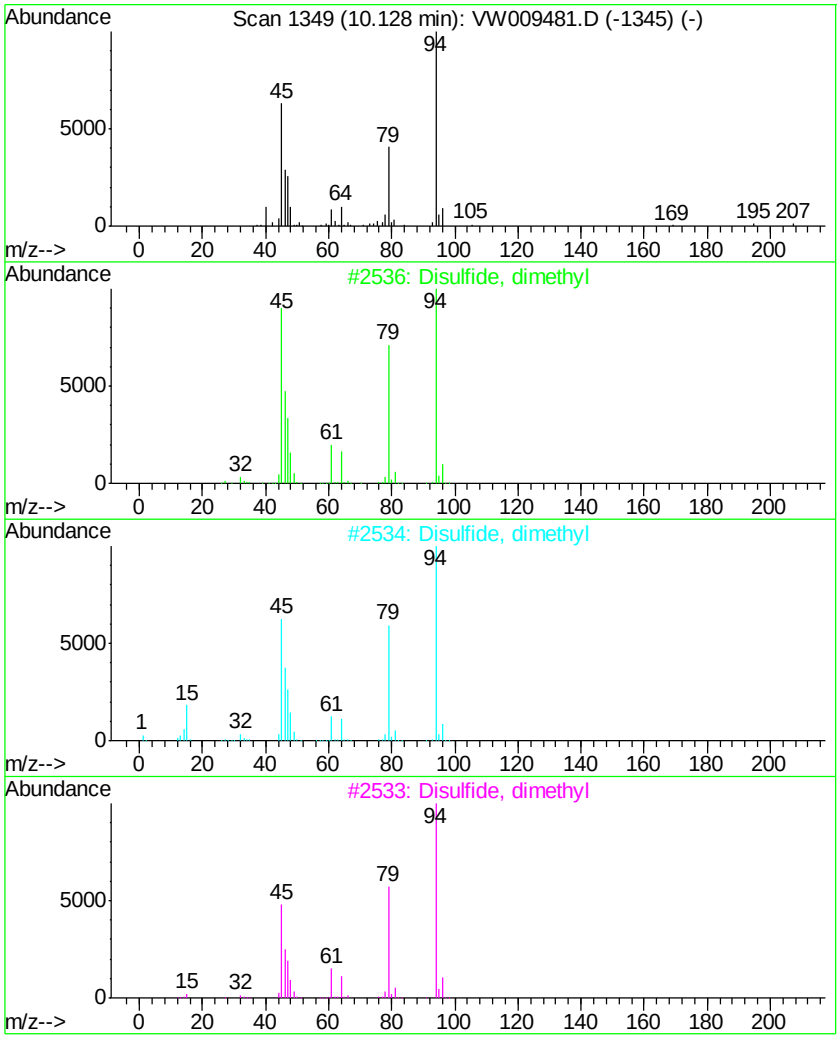
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

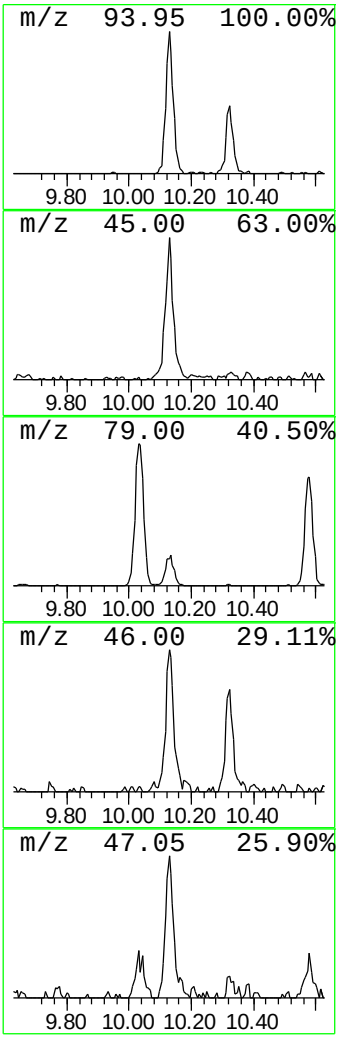
****

Peak Number 3 Disulfide, dimethyl Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.13	1.99 ug/L	50115	1,4-Difluorobenzene	8.84

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	91
4	Disulfide, dimethyl	94	C2H6S2	000624-92-0	91
5	Disulfide, dimethyl	94	C2H6S2	000624-92-0	80





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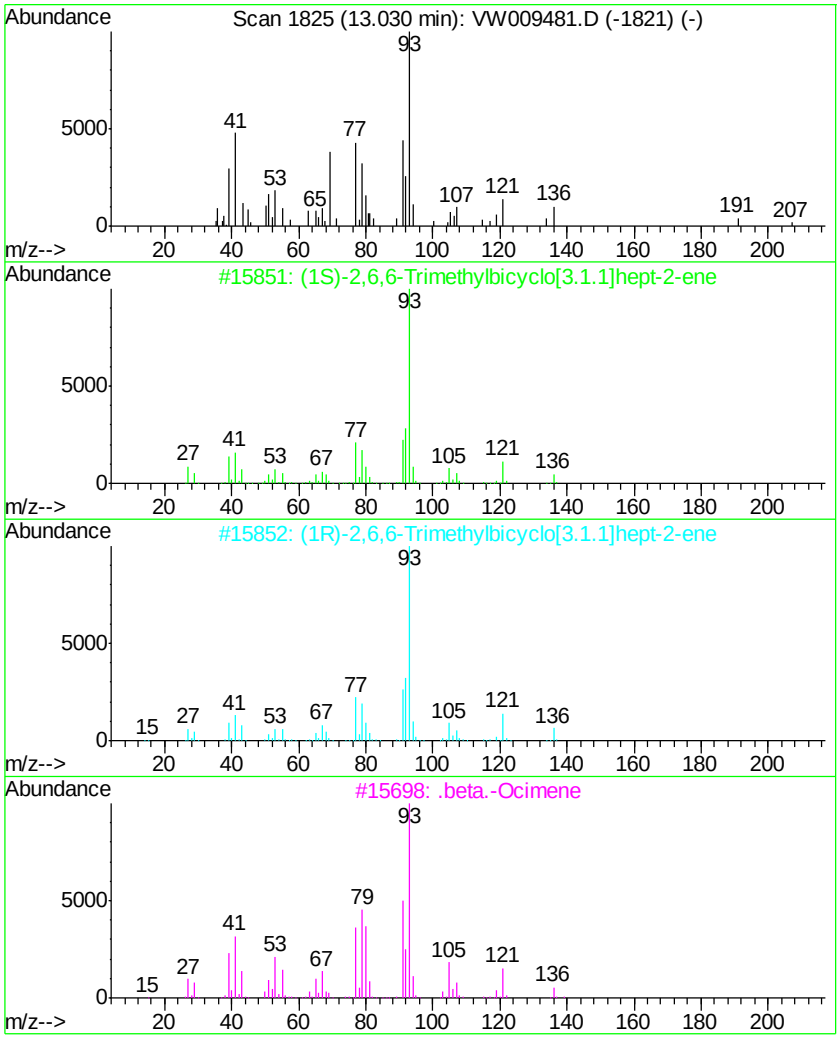
TIC Integration Parameters: LSCINT.P

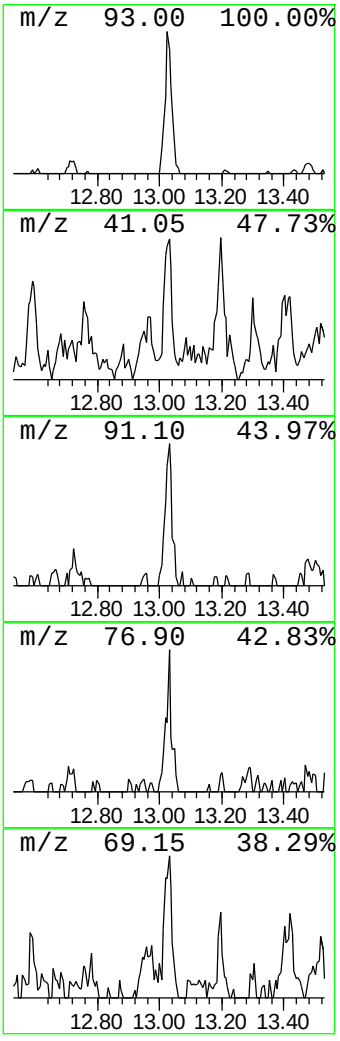
****

Peak Number 5 (1S)-2,6,6-Trimethylbicyclo... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.03	1.54 ug/L	29554	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1S)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-26-4	91
2	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	91
3	.beta.-Ocimene	136	C10H16	013877-91-3	91
4	.gamma.-Terpinene	136	C10H16	000099-85-4	91
5	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	91





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
Dimethyl sulfide	4.20	5.7	ug/L	142678	1	8.84	629278	25.0
Disulfide, dimethyl	10.13	2.0	ug/L	50115	1	8.84	629278	25.0
(1S)-2,6,6-Trimet...	13.03	1.5	ug/L	29554	3	13.56	480159	25.0