LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102119\
Data File : VW013632.D
Acq On : 21 Oct 2019 13:33
Operator : SY/VA
Sample : K5395-15
Misc : 4.92G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0062

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\SOM2WLM101819S.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	2.361	69	75	90	rVB	85601	164890	13.35%	1.857%
2	2.892	156	162	178	rVB	65423	155714	12.61%	1.753%
3	3.349	235	237	239	rBV	241	226	0.02%	0.003%
4	3.367	239	240	241	rBV	615	373	0.03%	0.004%
5	3.452	253	254	257	rVB2	422	269	0.02%	0.003%
6	3.501	260	262	264	rVB2	313	228	0.02%	0.003%
7	3.526	264	266	269	rBV2	359	412	0.03%	0.005%
8	3.867	318	322	327	rVB6	578	937	0.08%	0.011%
9	4.019	336	347	360	rBV	140620	437717	35.43%	4.929%
10	4.208	370	378	392	rVB2	102899	297064	24.05%	3.345%
11	4.672	453	454	456	rVB2	372	234	0.02%	0.003%
12	4.727	461	463	466	rBV3	318	363	0.03%	0.004%
13	4.788	471	473	476	rVB2	491	381	0.03%	0.004%
14	4.818	476	478	480	rBV2	353	323	0.03%	0.004%
15	4.922	483	495	515	rBV2	55223	209314	16.94%	2.357%
16	5.098	522	524	527	rBV	248	208	0.02%	0.002%
17	5.129	527	529	531	rBV	362	478	0.04%	0.005%
18	5.342	562	564	566	rBV	372	207	0.02%	0.002%
19	5.391	569	572	573	rBV2	316	284	0.02%	0.003%
20	5.452	581	582	585	rBV	379	212	0.02%	0.002%
21	5.562	597	600	603	rVB2	236	325	0.03%	0.004%
22	5.598	603	606	609	rBV2	281	347	0.03%	0.004%
23	5.641	611	613	617	rBV	330	383	0.03%	0.004%
24	5.672	617	618	621	rVB	411	293	0.02%	0.003%
25	5.763	629	633	635	rBV	395	703	0.06%	0.008%
26	5.928	651	660	661	rBV3	4778	6873	0.56%	0.077%
27	6.031	675	677	679	rVB	459	275	0.02%	0.003%
28	6.056	679	681	683	rBV2	389	294	0.02%	0.003%
29	6.080	683	685	687	rBV	239	234	0.02%	0.003%
30	6.226	705	709	712	rBV2	270	295	0.02%	0.003%
31	6.604	769	771	772	rBV2	570	365	0.03%	0.004%
32	6.860	812	813	816	rBV	327	365	0.03%	0.004%
33	6.891	816	818	819	rBV2	289	207	0.02%	0.002%
34	6.915	819	822	823	rBV2	475	444	0.04%	0.005%

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0062

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\SOM2WLM101819S.M
Title : VOC Analysis

35	7.080	840	849	854	rBV	37813	107919	8.74%	1.215%
36	7.336	889	891	896	rVB3	502	787	0.06%	0.009%
37	7.372	896	897	900	rVB2	384	347	0.03%	0.004%
38	7.397	900	901	903	rBV	544	320	0.03%	0.004%
39	7.647	932	942	956	rBV	189999	466361	37.75%	5.251%
40	7.811	967	969	972	rVB2	231	224	0.02%	0.003%
41	7.958	986	993	995	rBV2	938	1181	0.10%	0.013%
42	8.000	999	1000	1003	rBV2	182	197	0.02%	0.002%
43	8.067	1007	1011	1012	rBV2	307	337	0.03%	0.004%
44	8.147	1022	1024	1026	rVB	494	362	0.03%	0.004%
45	8.165	1026	1027	1029	rBV	541	396	0.03%	0.004%
46	8.208	1032	1034	1035	rBV2	342	331	0.03%	0.004%
47	8.275	1035	1045	1064	rVV2	415989	1235269	100.00%	13.909%
48	8.525	1084	1086	1087	rBV2	518	456	0.04%	0.005%
49	8.622	1100	1102	1106	rVB2	541	712	0.06%	0.008%
50	8.689	1109	1113	1115	rBV3	747	1233	0.10%	0.014%
51	8.842	1129	1138	1147	rBV	349890	682320	55.24%	7.683%
52	9.012	1164	1166	1167	rBV	339	242	0.02%	0.003%
53	9.061	1172	1174	1175	rBV	484	392	0.03%	0.004%
54	9.275	1198	1209	1219	rBV	268463	541157	43.81%	6.093%
55	9.616	1264	1265	1267	rVB	329	233	0.02%	0.003%
56	9.640	1267	1269	1271	rBV	414	386	0.03%	0.004%
57	9.665	1271	1273	1275	rVB2	693	447	0.04%	0.005%
58	9.756	1284	1288	1289	rBV2	616	828	0.07%	0.009%
59	10.037	1325	1334	1342	rBV	143928	263968	21.37%	2.972%
60	10.134	1344	1350	1359	rVB	30978	76569	6.20%	0.862%
61	10.323	1373	1381	1388	rBV	579599	1012088	81.93%	11.396%
62	10.390	1388	1392	1398	rVB	13919	22172	1.79%	0.250%
63	10.579	1416	1423	1433	rVB2	94860	173248	14.03%	1.951%
64	10.701	1438	1443	1451	rBV2	14678	25854	2.09%	0.291%
65	10.921	1473	1479	1497	rBV	145680	264565	21.42%	2.979%
66	11.061	1497	1502	1513	rBV	37339	67381	5.45%	0.759%
67	11.439	1560	1564	1570	rVB2	10390	16543	1.34%	0.186%
68	11.628	1589	1595	1606	rVB	458176	789253	63.89%	8.887%
69	12.091	1669	1671	1673	rBV2	379	298	0.02%	0.003%
70	12.128	1675	1677	1679	rVV2	398	355	0.03%	0.004%
71	12.164	1679	1683	1685	rVV2	958	1270	0.10%	0.014%

LSC Area Percent Report

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ClientSampleId : C0062

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

Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
Title : VOC Analysis

72	12.219	1689	1692	1693	rBV	311	236	0.02%	0.003%
73	12.268	1699	1700	1703	rBV2	285	269	0.02%	0.003%
74	12.335	1707	1711	1712	rVV	523	432	0.03%	0.005%
75	12.402	1720	1722	1724	rVV2	515	314	0.03%	0.004%
76	12.432	1725	1727	1730	rVV2	470	497	0.04%	0.006%
77	12.475	1730	1734	1737	rVV5	1057	1752	0.14%	0.020%
78	12.524	1737	1742	1746	rVV2	4255	6450	0.52%	0.073%
79	12.609	1750	1756	1761	rVV	19740	34158	2.77%	0.385%
80	12.689	1763	1769	1779	rVB	203935	342547	27.73%	3.857%
81	12.817	1786	1790	1795	rVB3	465	906	0.07%	0.010%
82	12.878	1795	1800	1804	rBV3	2621	3988	0.32%	0.045%
83	12.932	1805	1809	1814	rVB2	5145	7403	0.60%	0.083%
84	13.018	1821	1823	1824	rBV	532	383	0.03%	0.004%
85	13.036	1824	1826	1830	rVV	1099	988	0.08%	0.011%
86	13.073	1830	1832	1838	rVB2	783	1043	0.08%	0.012%
87	13.158	1843	1846	1849	rBV3	3983	6041	0.49%	0.068%
88	13.207	1849	1854	1859	rVB	13801	23375	1.89%	0.263%
89	13.408	1881	1887	1891	rVB5	1553	2469	0.20%	0.028%
90	13.469	1894	1897	1900	rBV5	1740	2085	0.17%	0.023%
91	13.554	1905	1911	1919	rBV	455990	742053	60.07%	8.355%
92	13.755	1941	1944	1947	rBV3	1787	2804	0.23%	0.032%
93	13.853	1953	1960	1966	rBV	373039	627661	50.81%	7.067%
94	14.066	1992	1995	2004	rVB2	8653	14384	1.16%	0.162%
95	14.188	2011	2015	2026	rBV7	2070	5013	0.41%	0.056%
96	14.328	2036	2038	2041	rBV3	1970	1816	0.15%	0.020%
97	14.786	2110	2113	2114	rBV2	583	582	0.05%	0.007%
98	14.877	2126	2128	2129	rBV2	714	400	0.03%	0.005%
99	15.438	2216	2220	2225	rVB3	9187	13482	1.09%	0.152%
100	16.054	2319	2321	2322	rVB2	895	390	0.03%	0.004%

Sum of corrected areas: 8881159

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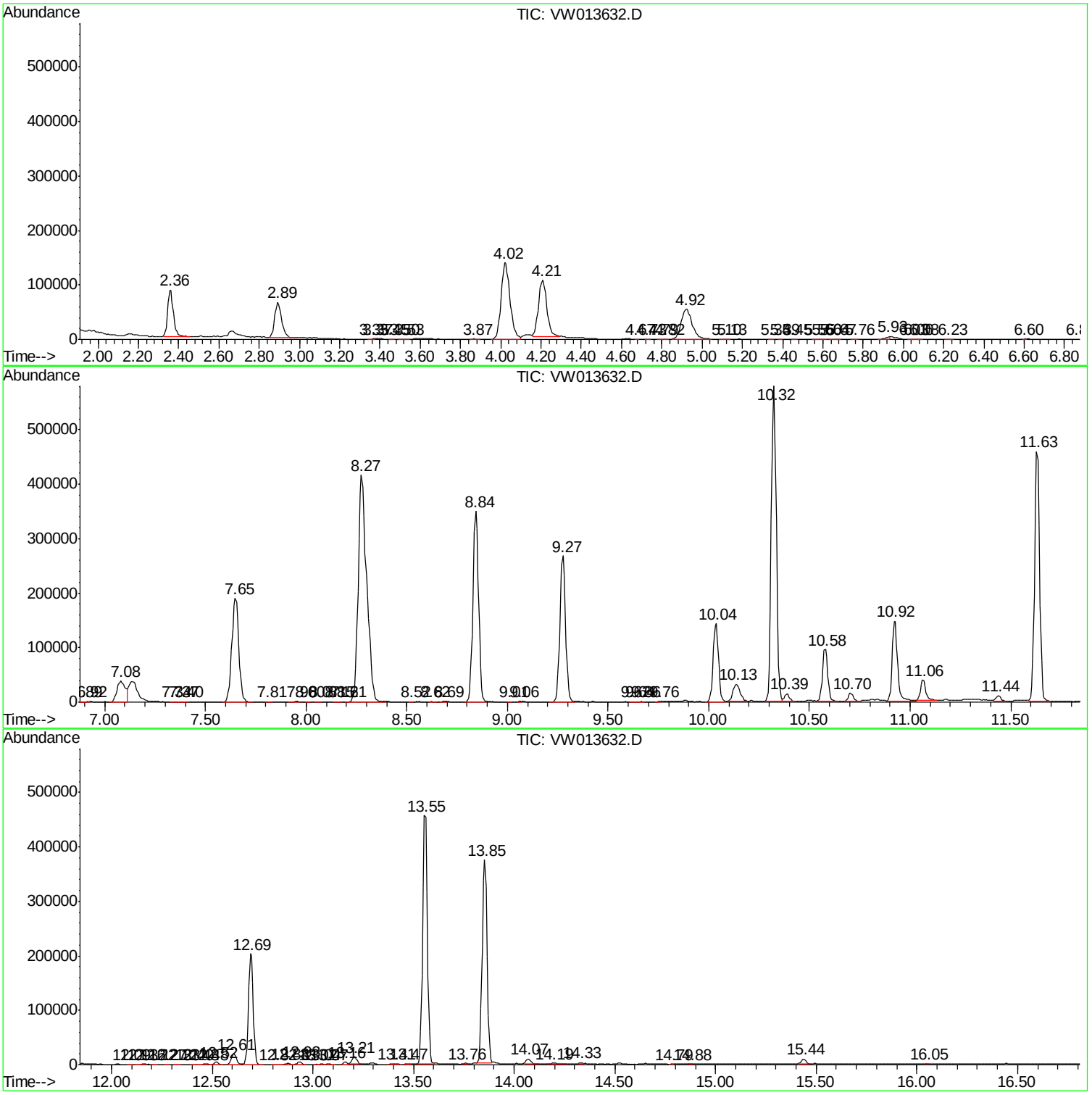
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
Quant Title : VOC Analysis

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW102119\
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Quant Title : VOC Analysis

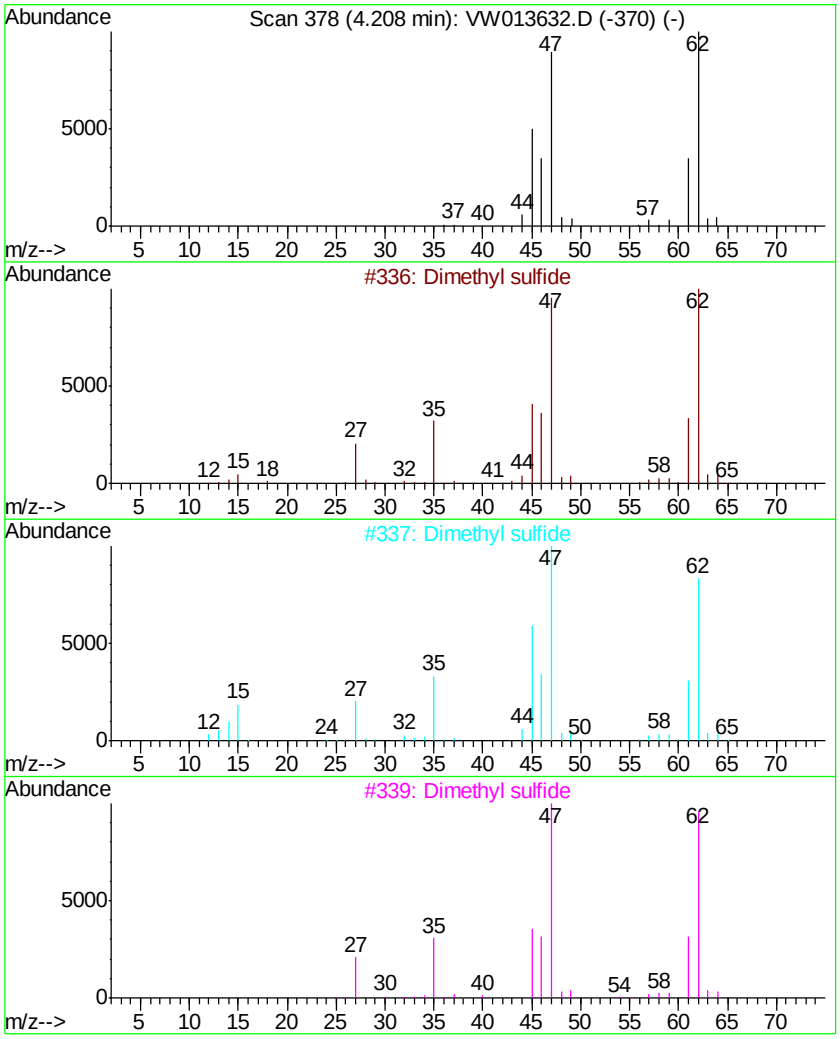
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

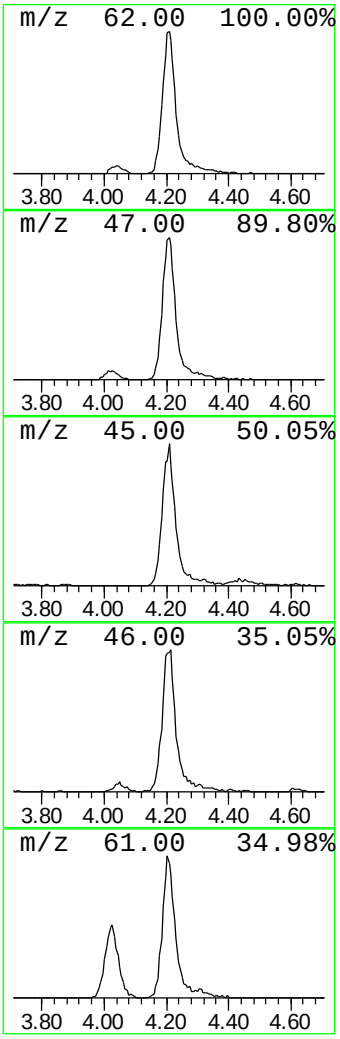
****

Peak Number 1 Dimethyl sulfide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.21	10.88 ug/L	297064	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	94
3	Dimethyl sulfide	62	C2H6S	000075-18-3	91
4	Dimethyl sulfide	62	C2H6S	000075-18-3	91
5	Borane-methyl sulfide complex	76	C2H9BS	013292-87-0	90





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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
Quant Title : VOC Analysis

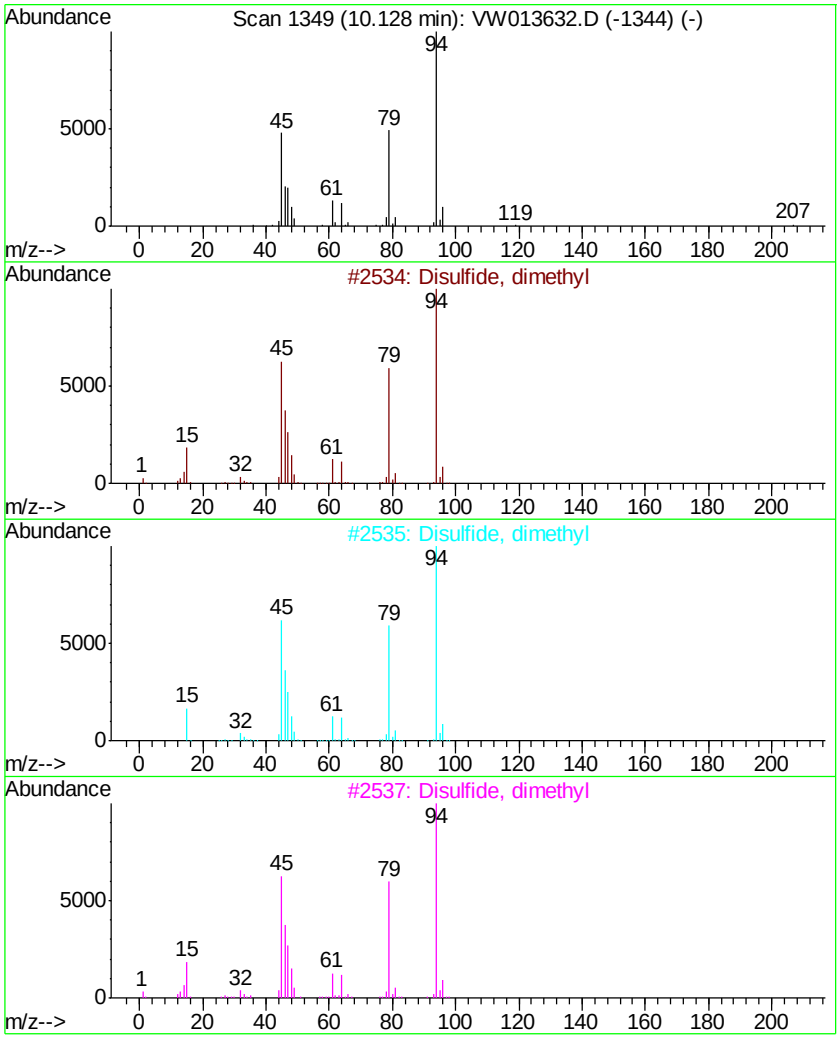
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

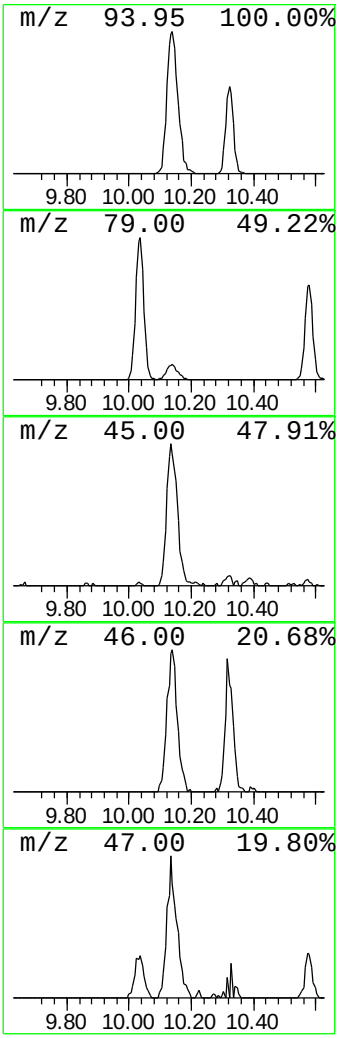
****

Peak Number 3 Disulfide, dimethyl Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.13	2.81 ug/L	76569	1,4-Difluorobenzene	8.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Disulfide, dimethyl	94	C2H6S2	000624-92-0	97
2	Disulfide, dimethyl	94	C2H6S2	000624-92-0	97
3	Disulfide, dimethyl	94	C2H6S2	000624-92-0	97
4	Disulfide, dimethyl	94	C2H6S2	000624-92-0	95
5	Disulfide, dimethyl	94	C2H6S2	000624-92-0	94





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
Dimethyl sulfide	4.21	10.9	ug/L	297064	1	8.84	682320	25.0
Disulfide, dimethyl	10.13	2.8	ug/L	76569	1	8.84	682320	25.0