

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031319\
 Data File : VV009645.D
 Acq On : 13 Mar 2019 19:38
 Operator : SY/MD
 Sample : K1794-07RE
 Misc : 5.78G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF5N7RE

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	1.113	4	7	17	rVB4	5058	5712	1.48%	0.191%
2	1.206	31	36	40	rBV2	2949	3192	0.83%	0.107%
3	1.319	62	71	79	rBV	42409	44492	11.51%	1.486%
4	1.463	110	116	118	rBV6	6536	7292	1.89%	0.244%
5	1.544	136	141	142	rBV	6639	5326	1.38%	0.178%
6	1.566	142	148	158	rVB	49654	60300	15.59%	2.014%
7	1.971	272	274	276	rBV3	932	558	0.14%	0.019%
8	2.042	292	296	298	rBV4	1749	1345	0.35%	0.045%
9	2.122	311	321	334	rVV	106808	153060	39.58%	5.112%
10	2.187	334	341	344	rVV	7797	10299	2.66%	0.344%
11	2.225	344	353	374	rVV	159994	240534	62.20%	8.033%
12	2.315	375	381	391	rVB	3407	5267	1.36%	0.176%
13	2.531	437	448	461	rVB4	10269	18867	4.88%	0.630%
14	2.650	472	485	501	rBV2	11360	25320	6.55%	0.846%
15	2.740	511	513	517	rVB2	480	271	0.07%	0.009%
16	2.772	517	523	527	rBV2	304	371	0.10%	0.012%
17	2.968	581	584	589	rVB2	312	313	0.08%	0.010%
18	3.077	608	618	626	rVB4	1546	2842	0.73%	0.095%
19	3.241	665	669	676	rVB	333	380	0.10%	0.013%
20	3.273	676	679	681	rBV	311	212	0.05%	0.007%
21	3.553	761	766	770	rBV2	456	538	0.14%	0.018%
22	3.675	801	804	809	rVB2	268	207	0.05%	0.007%
23	3.962	876	893	923	rVV8	8640	42820	11.07%	1.430%
24	4.399	1012	1029	1056	rBV	71986	188081	48.64%	6.281%
25	4.556	1076	1078	1083	rVB3	285	221	0.06%	0.007%
26	4.656	1103	1109	1112	rBV3	329	362	0.09%	0.012%
27	4.698	1115	1122	1123	rBV2	823	672	0.17%	0.022%
28	4.765	1139	1143	1148	rBV	403	348	0.09%	0.012%
29	4.987	1206	1212	1215	rBV2	229	341	0.09%	0.011%
30	5.093	1227	1245	1267	rBV3	150135	386717	100.00%	12.915%
31	5.286	1302	1305	1308	rBV	338	241	0.06%	0.008%
32	5.402	1334	1341	1344	rBV3	275	272	0.07%	0.009%
33	5.595	1396	1401	1402	rBV2	240	211	0.05%	0.007%
34	5.662	1407	1422	1441	rBV	129879	261881	67.72%	8.746%

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 Title : VOC Analysis

35	5.888	1489	1492	1499	rBV2	491	407	0.11%	0.014%
36	5.952	1503	1512	1519	rVB6	1115	1955	0.51%	0.065%
37	6.058	1538	1545	1546	rBV	285	270	0.07%	0.009%
38	6.116	1549	1563	1584	rBV	105169	212942	55.06%	7.112%
39	6.331	1628	1630	1634	rVV	243	208	0.05%	0.007%
40	6.399	1648	1651	1655	rVB	376	253	0.07%	0.008%
41	6.650	1722	1729	1731	rVV3	339	383	0.10%	0.013%
42	6.698	1735	1744	1747	rBV4	868	1243	0.32%	0.042%
43	6.849	1788	1791	1794	rVB	356	254	0.07%	0.008%
44	6.978	1827	1831	1833	rBV2	263	195	0.05%	0.007%
45	7.029	1837	1847	1863	rBV2	19391	32788	8.48%	1.095%
46	7.129	1866	1878	1895	rBV	74400	141104	36.49%	4.712%
47	7.254	1914	1917	1918	rBV2	511	285	0.07%	0.010%
48	7.283	1919	1926	1929	rVV4	1366	1787	0.46%	0.060%
49	7.360	1936	1950	1970	rBV	150084	262859	67.97%	8.779%
50	7.524	1999	2001	2006	rVB	323	200	0.05%	0.007%
51	7.572	2012	2016	2022	rVB2	412	448	0.12%	0.015%
52	7.601	2022	2025	2029	rBV	267	238	0.06%	0.008%
53	7.662	2034	2044	2057	rBV2	15463	24993	6.46%	0.835%
54	7.759	2071	2074	2076	rBV2	422	274	0.07%	0.009%
55	7.855	2098	2104	2110	rVB5	1170	1558	0.40%	0.052%
56	7.984	2138	2144	2154	rVV2	1118	1730	0.45%	0.058%
57	8.084	2171	2175	2178	rVB	390	338	0.09%	0.011%
58	8.135	2178	2191	2196	rBV3	12225	21512	5.56%	0.718%
59	8.296	2237	2241	2245	rBV2	263	264	0.07%	0.009%
60	8.457	2287	2291	2295	rBV2	823	854	0.22%	0.029%
61	8.897	2415	2428	2452	rBV	165977	278576	72.04%	9.304%
62	9.100	2486	2491	2494	rBV2	322	345	0.09%	0.012%
63	9.280	2545	2547	2551	rVB	355	237	0.06%	0.008%
64	9.495	2610	2614	2618	rBV	305	277	0.07%	0.009%
65	9.942	2751	2753	2758	rVB2	354	328	0.08%	0.011%
66	9.977	2762	2764	2768	rBV2	273	227	0.06%	0.008%
67	10.260	2840	2852	2869	rVB	81238	132660	34.30%	4.430%
68	10.424	2894	2903	2914	rVB4	3338	5209	1.35%	0.174%
69	10.476	2914	2919	2924	rVB2	367	456	0.12%	0.015%
70	10.585	2947	2953	2959	rVB3	385	497	0.13%	0.017%
71	10.781	3011	3014	3017	rBV	278	215	0.06%	0.007%

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Integration Parameters: LSCINT.P

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72	10.839	3023	3032	3045	rBV3	8885	14546	3.76%	0.486%
73	10.903	3049	3052	3056	rVB2	277	212	0.05%	0.007%
74	11.074	3096	3105	3108	rBV2	373	505	0.13%	0.017%
75	11.231	3151	3154	3157	rBV	434	323	0.08%	0.011%
76	11.296	3163	3174	3191	rBV	105804	185580	47.99%	6.198%
77	11.466	3223	3227	3237	rVB2	425	468	0.12%	0.016%
78	11.575	3257	3261	3266	rBV2	182	198	0.05%	0.007%
79	11.675	3280	3292	3309	rBV	110623	186565	48.24%	6.231%
80	12.244	3466	3469	3473	rBV2	278	213	0.06%	0.007%
81	12.305	3479	3488	3495	rBV4	1254	1950	0.50%	0.065%
82	12.440	3525	3530	3533	rBV2	215	202	0.05%	0.007%
83	12.775	3630	3634	3637	rBV	238	213	0.06%	0.007%
84	12.791	3637	3639	3644	rVB2	358	245	0.06%	0.008%
85	12.817	3644	3647	3649	rBV	289	220	0.06%	0.007%
86	12.897	3667	3672	3677	rBV2	212	301	0.08%	0.010%
87	13.173	3754	3758	3762	rBV	327	326	0.08%	0.011%
88	13.196	3762	3765	3770	rVB2	309	239	0.06%	0.008%
89	13.241	3774	3779	3780	rBV2	244	199	0.05%	0.007%
90	13.357	3809	3815	3817	rBV2	433	348	0.09%	0.012%
91	13.681	3912	3916	3921	rBV2	238	270	0.07%	0.009%
92	13.794	3945	3951	3958	rBV5	1012	1397	0.36%	0.047%
93	13.861	3967	3972	3976	rBV2	182	226	0.06%	0.008%
94	14.488	4164	4167	4171	rBV2	244	204	0.05%	0.007%
95	14.514	4171	4175	4178	rBV3	260	258	0.07%	0.009%
96	14.624	4206	4209	4211	rBV	518	375	0.10%	0.013%
97	15.820	4579	4581	4585	rBV2	238	207	0.05%	0.007%
98	16.212	4701	4703	4709	rBV4	410	393	0.10%	0.013%
99	16.238	4709	4711	4714	rBV	605	294	0.08%	0.010%
100	17.009	4949	4951	4954	rBV3	841	549	0.14%	0.018%

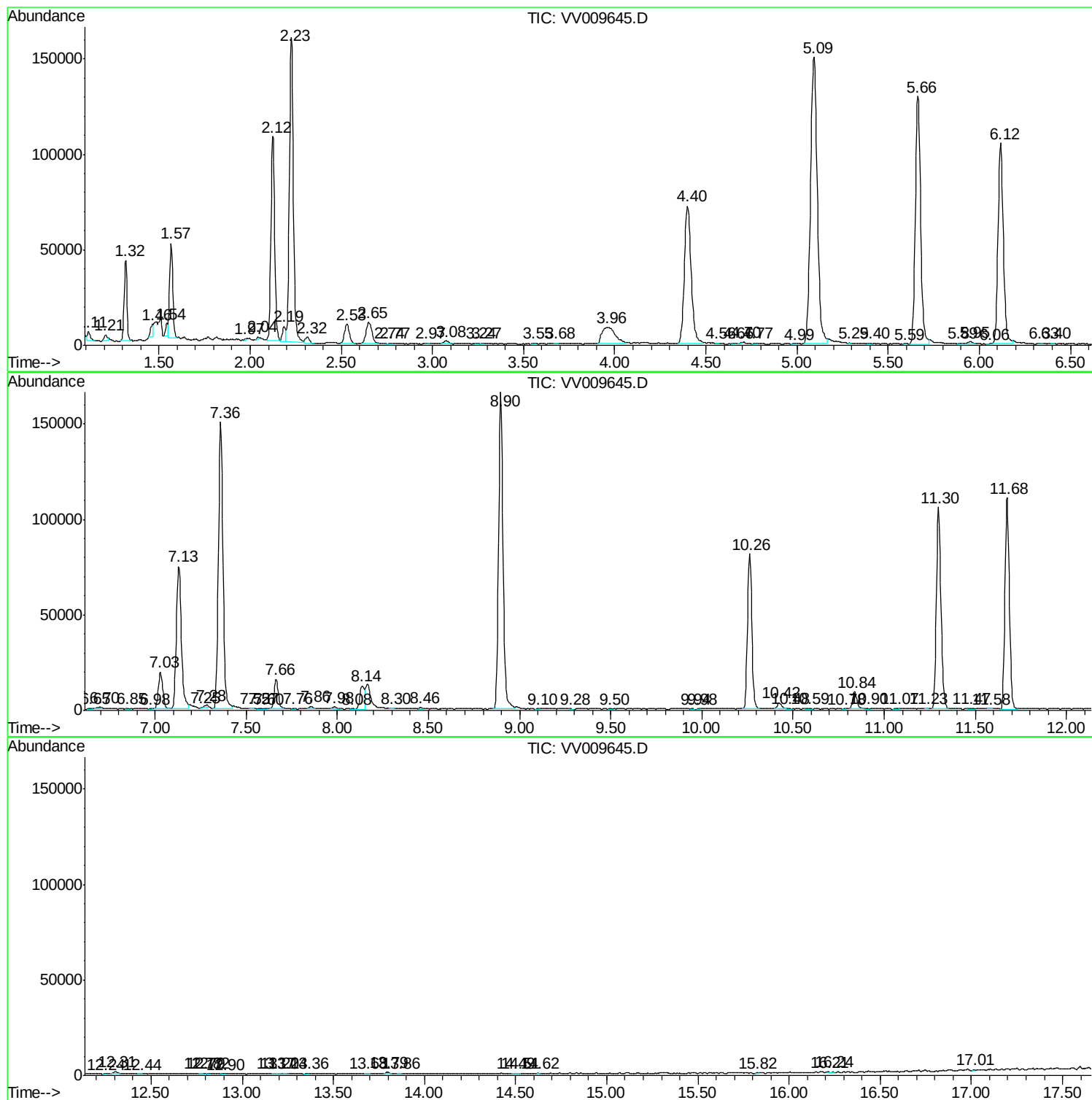
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Instrument :
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ClientSampled :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM031319S.M
Quant Title : VOC Analysis

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



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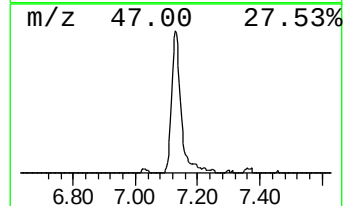
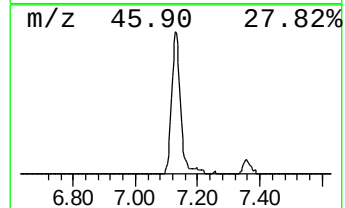
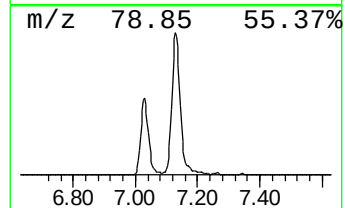
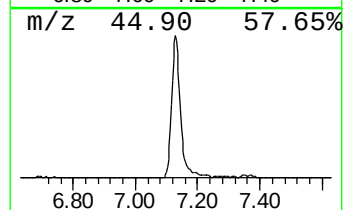
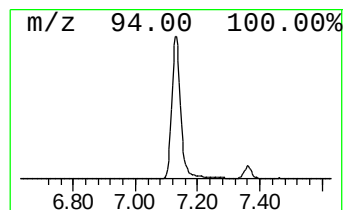
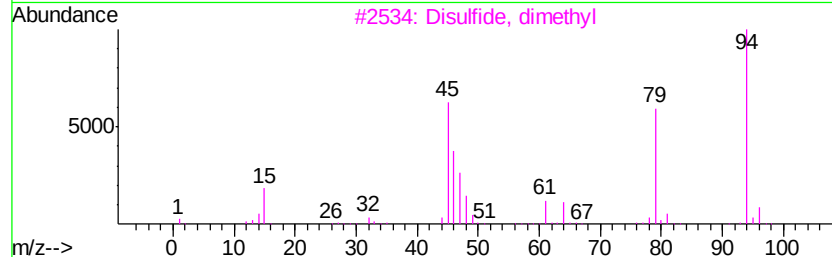
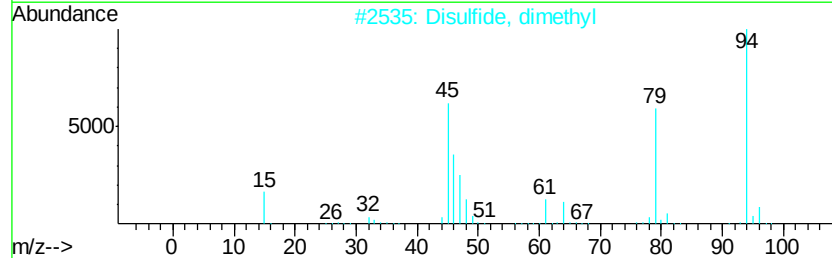
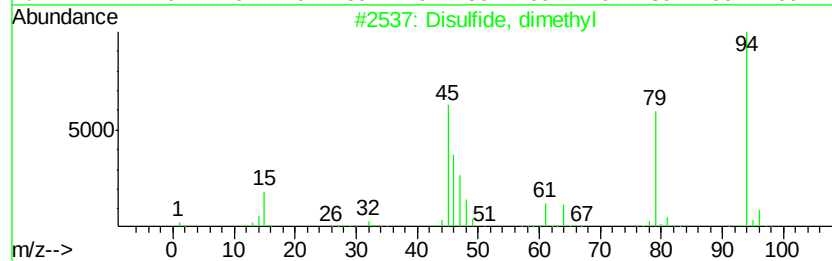
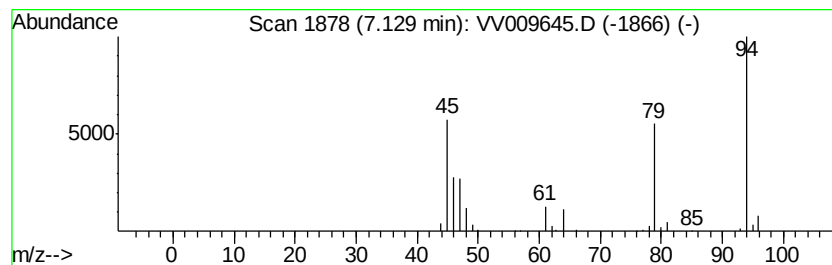
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM031319S.M
Quant Title : VOC Analysis

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	13.47 ug/L	141104	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	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



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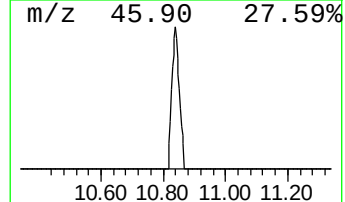
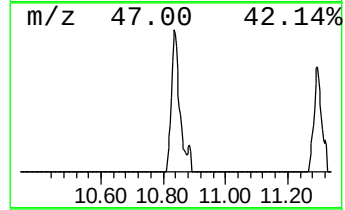
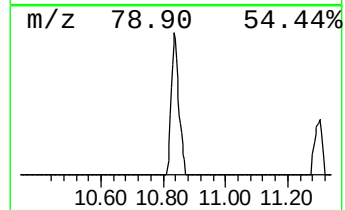
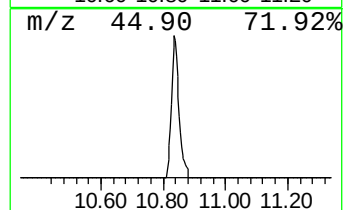
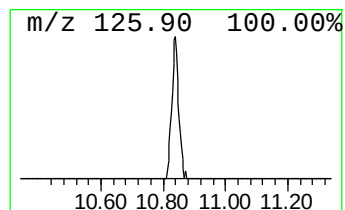
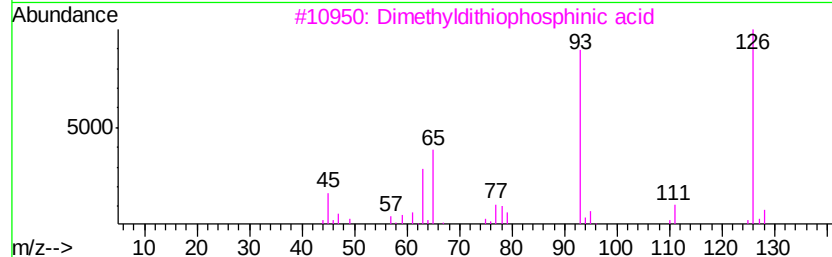
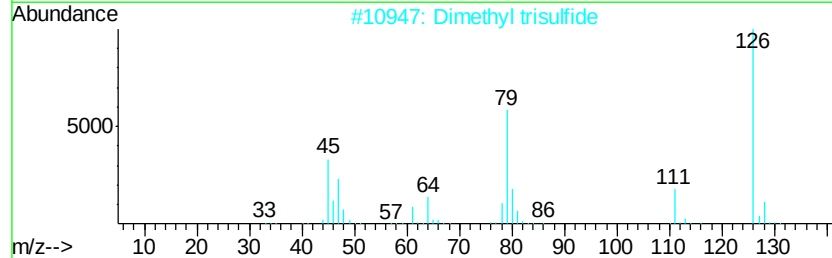
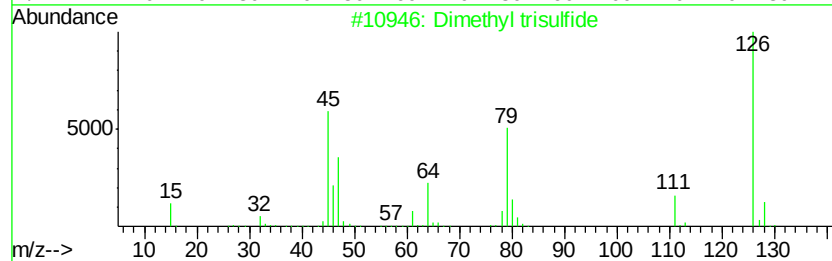
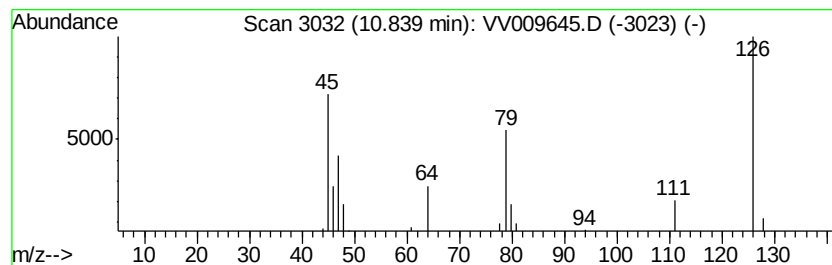
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM031319S.M
Quant Title : VOC Analysis

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

Peak Number 4 Dimethyl trisulfide Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.84	1.96 ug/L	14546	1,4-Dichlorobenzene-d4	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dimethyl trisulfide	126	C2H6S3	003658-80-8	95
2		Dimethyl trisulfide	126	C2H6S3	003658-80-8	91
3		Dimethyldithiophosphinic acid	126	C2H7PS2	016367-68-3	22
4		Ethanol, 1-(1-cyclohexenyl)-	126	C8H14O	003197-68-0	9
5		Pyrazole-5-carboxylic acid, 3-me...	126	C5H6N2O2	000696-22-0	9



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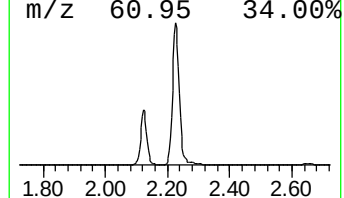
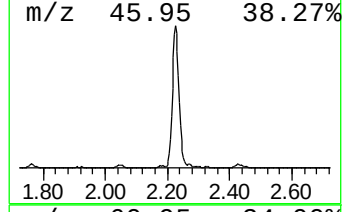
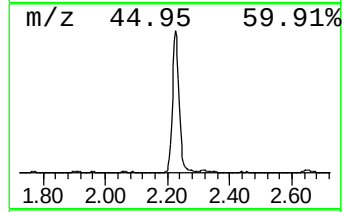
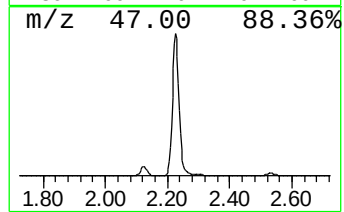
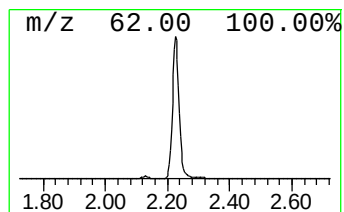
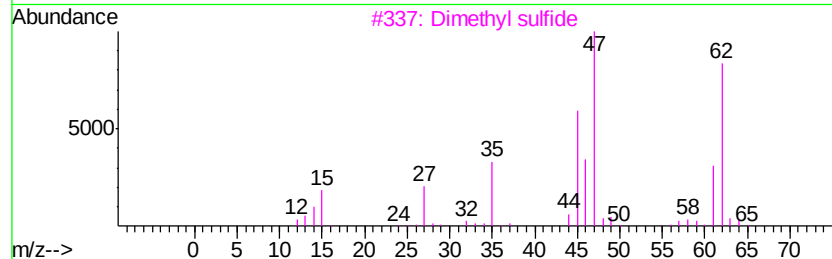
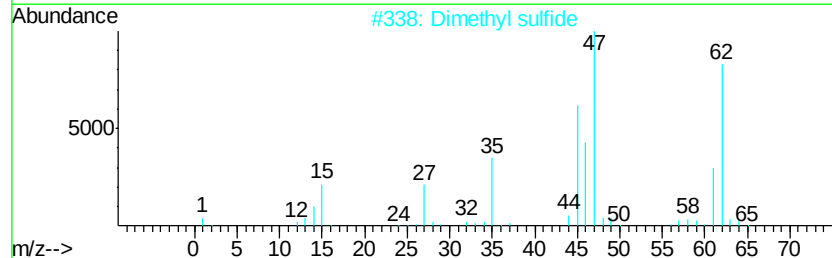
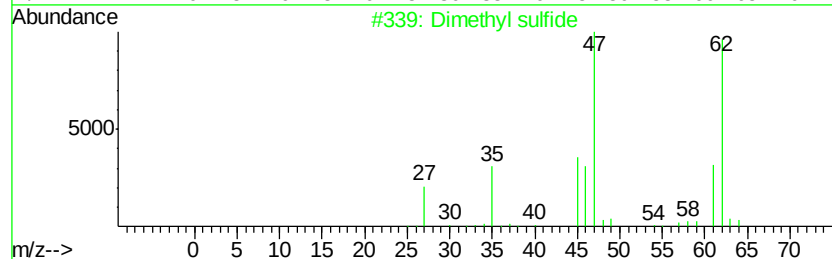
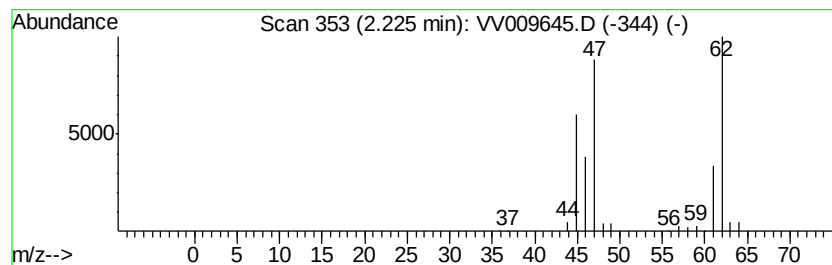
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM031319S.M
Quant Title : VOC Analysis

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

Peak Number 5 Dimethyl sulfide Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.23	22.96 ug/L	240534	1,4-Difluorobenzene	5.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	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	94
4		Dimethyl sulfide	62	C2H6S	000075-18-3	91
5		Borane-methyl sulfide complex	76	C2H9BS	013292-87-0	90



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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF5N7RE

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Disulfide, dimethyl	7.13	13.5	ug/L	141104	1	5.66	261881	25.0
Dimethyl trisulfide	10.84	2.0	ug/L	14546	3	11.30	185580	25.0
Dimethyl sulfide	2.23	23.0	ug/L	240534	1	5.66	261881	25.0