

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060620\
 Data File : VV016628.D
 Acq On : 07 Jun 2020 08:33
 Operator : SY/MD
 Sample : L2861-17DL 4X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9E62DL

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\SOMVLM060320WMA.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	1.316	64	70	78	rVB	181673	176568	12.67%	1.640%
2	1.563	141	147	158	rVB	125679	145216	10.42%	1.349%
3	2.119	310	320	340	rVB	273545	412998	29.63%	3.836%
4	2.290	367	373	378	rBV3	5799	8590	0.62%	0.080%
5	2.489	432	435	436	rBV3	1282	571	0.04%	0.005%
6	2.602	467	470	471	rBV3	1362	860	0.06%	0.008%
7	2.811	531	535	538	rBV4	1326	964	0.07%	0.009%
8	2.862	547	551	553	rBV4	1091	632	0.05%	0.006%
9	2.875	553	555	559	rVV3	1226	494	0.04%	0.005%
10	2.923	567	570	573	rVB6	1051	595	0.04%	0.006%
11	2.942	573	576	578	rBV3	763	366	0.03%	0.003%
12	2.952	578	579	580	rVB	678	131	0.01%	0.001%
13	2.971	580	585	587	rBV4	1058	765	0.05%	0.007%
14	3.032	602	604	606	rBV3	1000	434	0.03%	0.004%
15	3.049	606	609	611	rBV3	1182	764	0.05%	0.007%
16	3.090	620	622	623	rBV3	482	189	0.01%	0.002%
17	3.100	623	625	627	rBV	842	416	0.03%	0.004%
18	3.155	639	642	644	rBV3	1514	1015	0.07%	0.009%
19	3.171	644	647	648	rVV4	1392	780	0.06%	0.007%
20	3.193	652	654	657	rBV4	1512	996	0.07%	0.009%
21	3.325	692	695	697	rBV3	1372	796	0.06%	0.007%
22	3.402	717	719	721	rVB4	1287	401	0.03%	0.004%
23	3.415	721	723	728	rVB5	1090	575	0.04%	0.005%
24	3.508	750	752	753	rBV2	973	409	0.03%	0.004%
25	3.531	756	759	762	rVB4	1633	1002	0.07%	0.009%
26	3.547	762	764	766	rBV3	384	155	0.01%	0.001%
27	3.557	766	767	769	rBV2	818	359	0.03%	0.003%
28	3.595	777	779	781	rBV3	1376	670	0.05%	0.006%
29	3.631	787	790	793	rVB5	1379	820	0.06%	0.008%
30	3.724	814	819	821	rBV5	1135	1017	0.07%	0.009%
31	3.769	831	833	835	rVB2	1554	661	0.05%	0.006%
32	3.782	835	837	839	rVB2	577	177	0.01%	0.002%
33	3.795	839	841	842	rBV	653	301	0.02%	0.003%
34	3.840	852	855	859	rVB5	1049	841	0.06%	0.008%

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Integration Parameters: LSCINT.P

Integrator: RTE
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 Sampling : 1
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Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
 Title : VOC Analysis

35	3.897	859	873	895	rBV2	107558	293558	21.06%	2.726%
36	4.373	1004	1021	1044	rBV2	226519	556505	39.92%	5.168%
37	4.688	1116	1119	1120	rBV3	1420	846	0.06%	0.008%
38	4.930	1193	1194	1195	rBV	924	347	0.02%	0.003%
39	5.071	1221	1238	1253	rBV2	554247	1393897	100.00%	12.945%
40	5.479	1362	1365	1366	rBV3	983	536	0.04%	0.005%
41	5.640	1402	1415	1439	rBV	427400	844340	60.57%	7.842%
42	6.093	1541	1556	1579	rBV	315160	643799	46.19%	5.979%
43	6.637	1718	1725	1727	rBV7	2443	2782	0.20%	0.026%
44	6.746	1757	1759	1761	rBV3	1085	625	0.04%	0.006%
45	6.772	1765	1767	1768	rBV3	1172	478	0.03%	0.004%
46	6.868	1795	1797	1798	rBV3	791	336	0.02%	0.003%
47	6.878	1798	1800	1801	rBV2	1020	478	0.03%	0.004%
48	6.955	1822	1824	1825	rBV2	1220	515	0.04%	0.005%
49	7.007	1829	1840	1859	rVV	169069	308132	22.11%	2.862%
50	7.338	1930	1943	1963	rBV	658114	1119425	80.31%	10.396%
51	7.640	2027	2037	2058	rBV	113879	198733	14.26%	1.846%
52	7.945	2129	2132	2133	rBV3	1161	637	0.05%	0.006%
53	8.106	2164	2182	2216	rBV	368129	684350	49.10%	6.356%
54	8.563	2321	2324	2328	rBV4	1194	1220	0.09%	0.011%
55	8.672	2352	2358	2361	rBV8	1750	2320	0.17%	0.022%
56	8.714	2368	2371	2374	rBV3	754	651	0.05%	0.006%
57	8.769	2385	2388	2391	rBV5	1236	1076	0.08%	0.010%
58	8.875	2410	2421	2446	rVB	628945	1013706	72.72%	9.414%
59	9.283	2536	2548	2558	rBV2	65533	119137	8.55%	1.106%
60	9.608	2646	2649	2651	rBV2	1599	945	0.07%	0.009%
61	9.740	2677	2690	2704	rBV6	33108	66021	4.74%	0.613%
62	10.238	2835	2845	2859	rVB	429453	671202	48.15%	6.234%
63	11.270	3156	3166	3196	rVB	648637	1008815	72.37%	9.369%
64	11.646	3273	3283	3307	rVB	668855	1057821	75.89%	9.824%
65	12.042	3399	3406	3411	rBV	4899	6754	0.48%	0.063%
66	12.662	3597	3599	3602	rBV3	2200	1708	0.12%	0.016%
67	13.592	3885	3888	3891	rBV3	1546	1105	0.08%	0.010%
68	14.035	4022	4026	4028	rBV5	1696	1386	0.10%	0.013%
69	14.112	4049	4050	4052	rBV2	926	499	0.04%	0.005%
70	14.682	4223	4227	4229	rBV5	2030	1291	0.09%	0.012%

LSC Area Percent Report

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ClientSampleId :
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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
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\SOMVLM060320WMA.M
Title : VOC Analysis

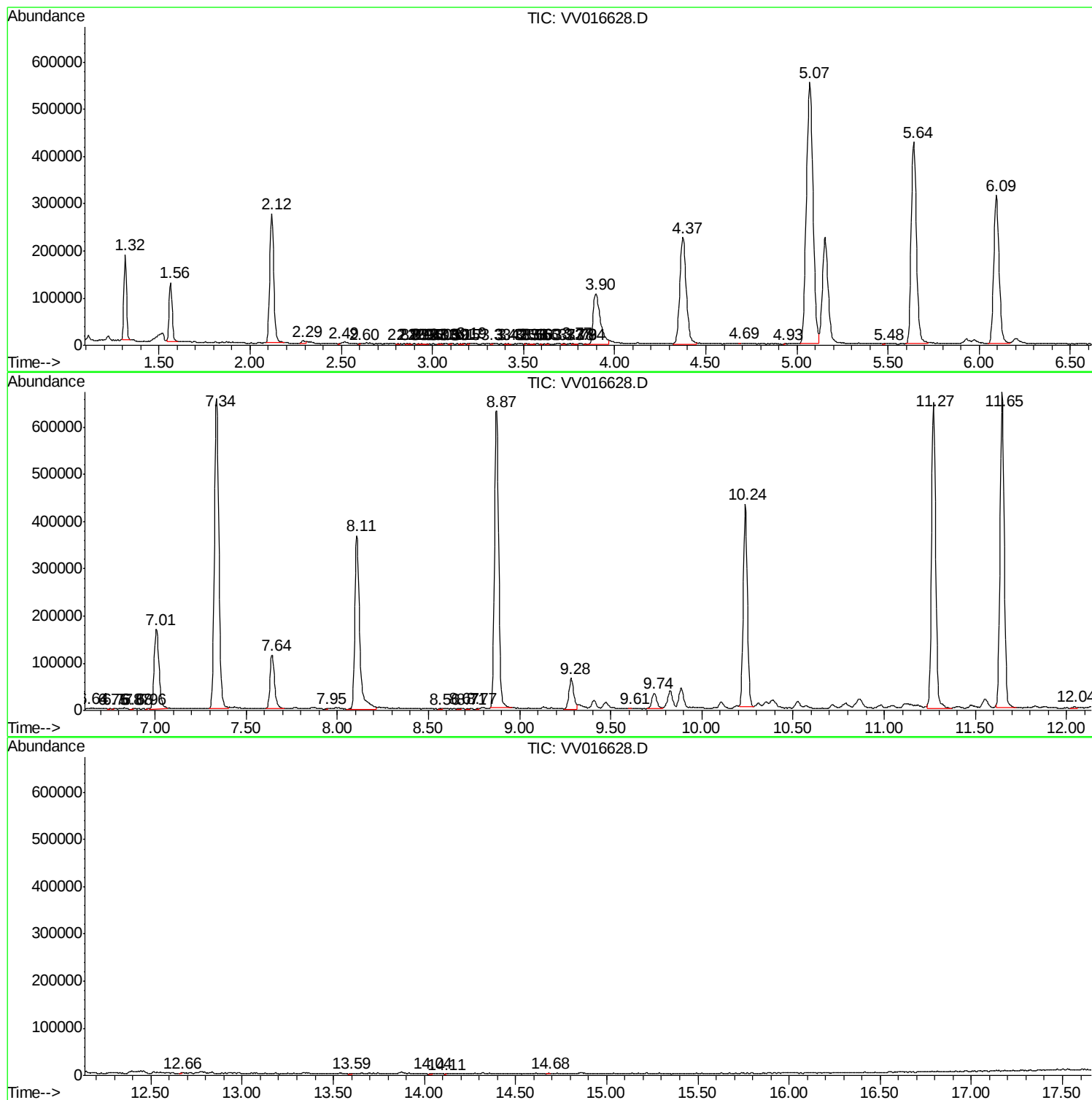
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Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 55 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampled :
F9E62DL

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV060620\
Data File : VV016628.D
Acq On : 07 Jun 2020 08:33
Operator : SY/MD
Sample : L2861-17DL 4X
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 55 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9E62DL

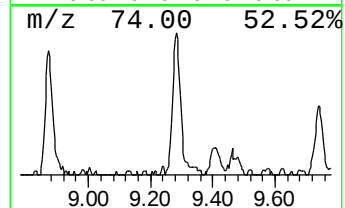
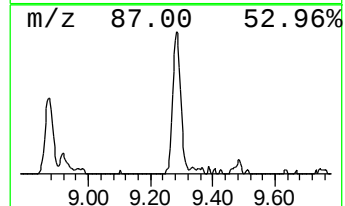
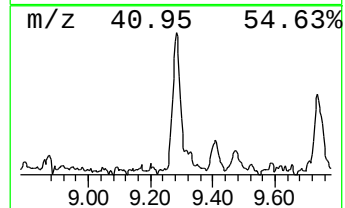
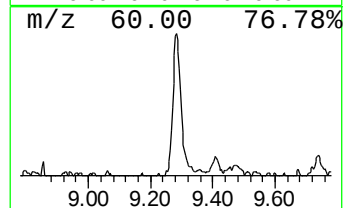
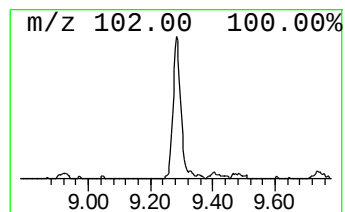
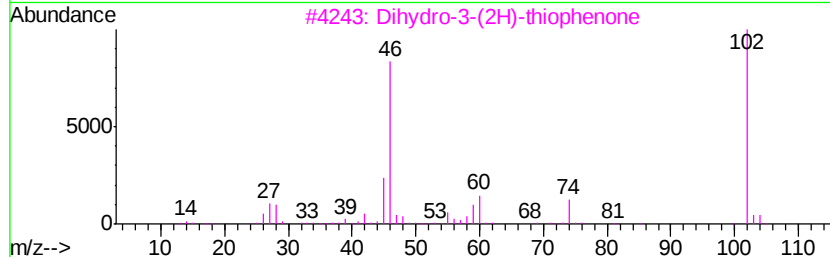
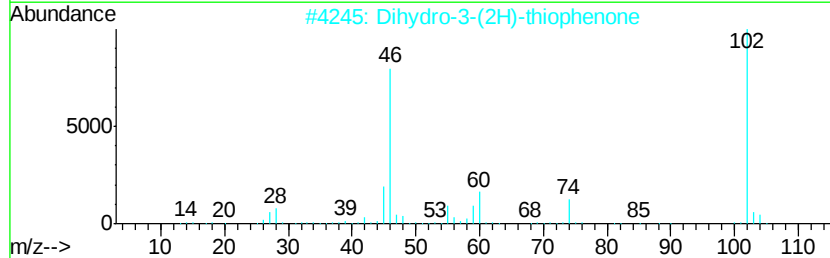
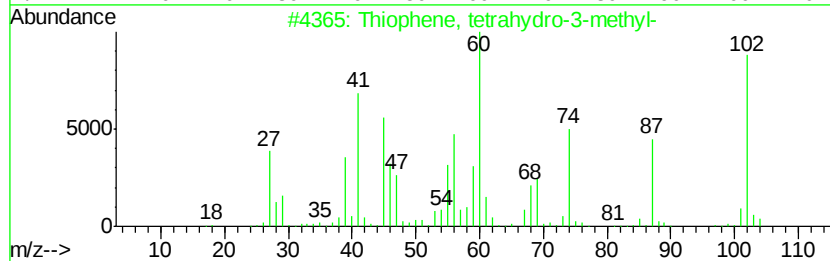
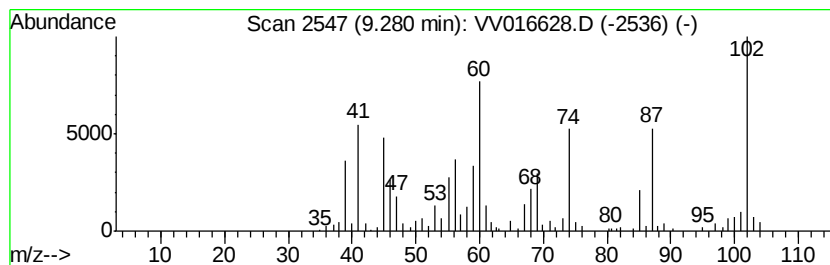
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Quant Title : VOC Analysis

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

Peak Number 2 Thiophene, tetrahydro-3-met... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.28	5.88 ug/L	119137	Chlorobenzene-d5	8.87

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Thiophene, tetrahydro-3-methyl-	102	C5H10S	004740-00-5	94
2			Dihydro-3-(2H)-thiophenone	102	C4H6OS	001003-04-9	58
3			Dihydro-3-(2H)-thiophenone	102	C4H6OS	001003-04-9	46
4			Thiophene, tetrahydro-2-methyl-	102	C5H10S	001795-09-1	43
5			2-Thiazolamine, 4,5-dihydro-	102	C3H6N2S	001779-81-3	43



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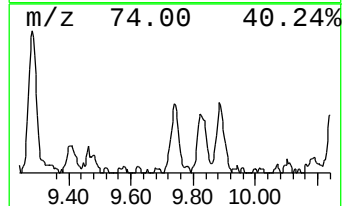
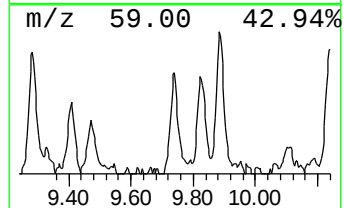
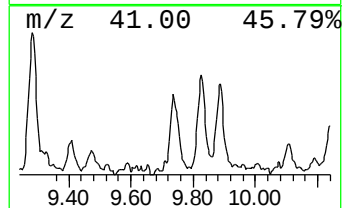
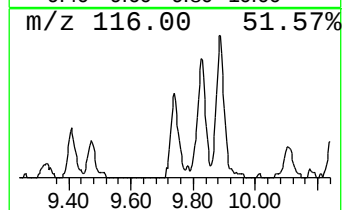
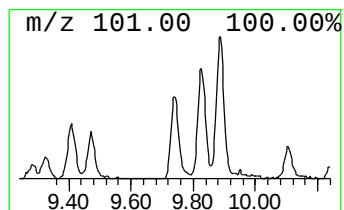
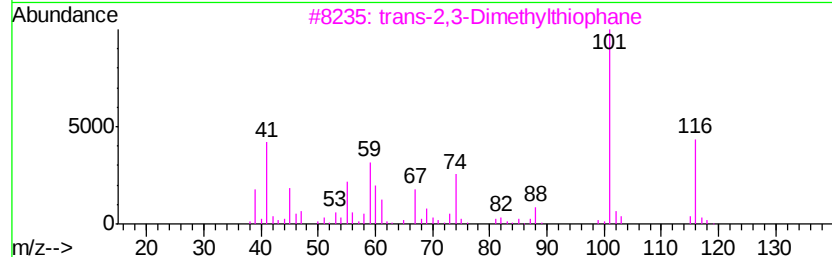
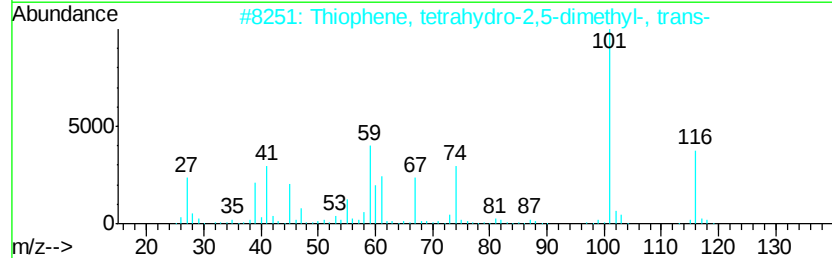
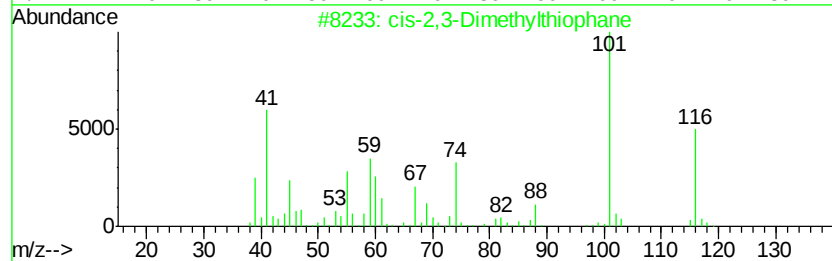
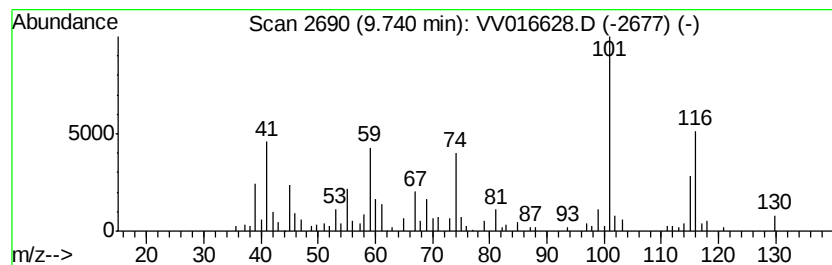
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

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

Peak Number 3 cis-2,3-Dimethylthiophane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.74	3.26 ug/L	66021	Chlorobenzene-d5	8.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	cis-2,3-Dimethylthiophane	116	C6H12S	005161-77-3	91
2		Thiophene, tetrahydro-2,5-dimeth...	116	C6H12S	005161-14-8	74
3		trans-2,3-Dimethylthiophane	116	C6H12S	005161-78-4	70
4		Thiophene, tetrahydro-2,5-dimeth...	116	C6H12S	005161-13-7	58
5		N-(1,3,4-Thiadiazol-2-yl)formamide	129	C3H3N3OS	026861-89-2	47



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Thiophene, tetrah...	9.28	5.9	ug/L	119137	2	8.87	1013710	50.0
cis-2,3-Dimethylt...	9.74	3.3	ug/L	66021	2	8.87	1013710	50.0