

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV030619\
 Data File : VV009516.D
 Acq On : 06 Mar 2019 13:59
 Operator : SY/MD
 Sample : K1736-02
 Misc : 3.87G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF620

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\SOM2VLM030519S.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	1.319	65	71	83	rVB	67885	70114	14.37%	1.886%
2	1.582	147	153	168	rVB	109819	119748	24.54%	3.220%
3	2.126	313	322	334	rBV	154866	217765	44.63%	5.857%
4	2.280	366	370	372	rBV	465	423	0.09%	0.011%
5	2.354	391	393	396	rBV	223	132	0.03%	0.004%
6	2.537	441	450	466	rVB	11986	20059	4.11%	0.539%
7	2.614	471	474	477	rBV2	209	181	0.04%	0.005%
8	2.730	506	510	517	rBV	311	356	0.07%	0.010%
9	2.946	572	577	581	rBV2	240	237	0.05%	0.006%
10	3.077	610	618	629	rVB7	2088	4405	0.90%	0.118%
11	3.219	647	662	686	rBV	97756	203249	41.65%	5.466%
12	3.743	821	825	827	rBV	214	195	0.04%	0.005%
13	3.820	839	849	852	rBV5	1942	3283	0.67%	0.088%
14	3.955	878	891	907	rBV2	11941	39093	8.01%	1.051%
15	4.180	959	961	965	rVB2	465	245	0.05%	0.007%
16	4.273	986	990	993	rBV	288	252	0.05%	0.007%
17	4.402	1012	1030	1053	rBV	81941	207103	42.44%	5.570%
18	4.579	1080	1085	1088	rVB3	385	302	0.06%	0.008%
19	4.601	1089	1092	1093	rBV	268	145	0.03%	0.004%
20	4.621	1096	1098	1102	rVB2	383	265	0.05%	0.007%
21	4.662	1109	1111	1117	rBV2	211	124	0.03%	0.003%
22	4.785	1146	1149	1153	rVB	258	166	0.03%	0.004%
23	4.891	1177	1182	1185	rBV2	346	392	0.08%	0.011%
24	4.936	1193	1196	1201	rVB	199	144	0.03%	0.004%
25	4.978	1206	1209	1212	rBV2	228	182	0.04%	0.005%
26	5.019	1218	1222	1224	rBV	241	197	0.04%	0.005%
27	5.097	1227	1246	1273	rBV3	194703	487955	100.00%	13.123%
28	5.418	1344	1346	1349	rBV	302	128	0.03%	0.003%
29	5.441	1349	1353	1356	rBV2	389	259	0.05%	0.007%
30	5.540	1381	1384	1387	rBV2	220	172	0.04%	0.005%
31	5.666	1408	1423	1450	rBV	160413	326895	66.99%	8.791%
32	5.945	1507	1510	1512	rBV2	473	300	0.06%	0.008%
33	6.119	1550	1564	1584	rBV	109229	223866	45.88%	6.021%
34	6.318	1620	1626	1629	rBV	259	264	0.05%	0.007%

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35	6.367	1638	1641	1642	rBV	259	136	0.03%	0.004%
36	6.408	1650	1654	1658	rBV	324	299	0.06%	0.008%
37	6.463	1669	1671	1673	rBV	275	148	0.03%	0.004%
38	6.646	1722	1728	1730	rBV2	181	197	0.04%	0.005%
39	6.701	1739	1745	1747	rBV2	317	364	0.07%	0.010%
40	6.785	1768	1771	1775	rBV	285	199	0.04%	0.005%
41	6.826	1781	1784	1787	rBV2	210	155	0.03%	0.004%
42	6.945	1818	1821	1824	rBV	221	168	0.03%	0.005%
43	7.029	1835	1847	1866	rBV2	53828	97048	19.89%	2.610%
44	7.260	1916	1919	1922	rVB2	349	184	0.04%	0.005%
45	7.280	1922	1925	1928	rBV2	386	332	0.07%	0.009%
46	7.360	1937	1950	1972	rBV	222493	398669	81.70%	10.722%
47	7.608	2020	2027	2029	rBV2	334	339	0.07%	0.009%
48	7.666	2035	2045	2062	rBV2	33997	58571	12.00%	1.575%
49	7.814	2088	2091	2097	rBV3	626	589	0.12%	0.016%
50	7.955	2132	2135	2137	rBV	340	196	0.04%	0.005%
51	7.981	2139	2143	2149	rVV4	968	1159	0.24%	0.031%
52	8.141	2182	2193	2219	rBV3	51859	112611	23.08%	3.029%
53	8.778	2387	2391	2395	rVB2	272	237	0.05%	0.006%
54	8.897	2416	2428	2453	rBV	223157	373546	76.55%	10.046%
55	9.058	2472	2478	2481	rBV2	382	463	0.09%	0.012%
56	9.151	2505	2507	2510	rBV	219	114	0.02%	0.003%
57	9.177	2510	2515	2518	rBV2	503	526	0.11%	0.014%
58	9.260	2538	2541	2545	rBV2	205	191	0.04%	0.005%
59	9.328	2559	2562	2564	rVB	251	155	0.03%	0.004%
60	9.363	2569	2573	2577	rBV	403	297	0.06%	0.008%
61	9.424	2589	2592	2593	rBV	229	134	0.03%	0.004%
62	9.588	2641	2643	2646	rVB3	250	141	0.03%	0.004%
63	9.669	2665	2668	2670	rBV2	175	125	0.03%	0.003%
64	9.682	2670	2672	2674	rBV2	243	153	0.03%	0.004%
65	9.723	2682	2685	2687	rBV	259	142	0.03%	0.004%
66	9.759	2692	2696	2699	rBV	307	246	0.05%	0.007%
67	9.807	2709	2711	2712	rBV	261	129	0.03%	0.003%
68	9.897	2736	2739	2741	rBV	215	143	0.03%	0.004%
69	9.955	2754	2757	2763	rBV	197	185	0.04%	0.005%
70	10.026	2776	2779	2782	rBV	234	155	0.03%	0.004%
71	10.264	2834	2853	2868	rBV	98183	154917	31.75%	4.166%

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72	10.341	2874	2877	2879	rBV2	220	122	0.03%	0.003%
73	10.373	2884	2887	2890	rBV2	249	182	0.04%	0.005%
74	10.428	2896	2904	2915	rVB2	4118	6010	1.23%	0.162%
75	10.473	2915	2918	2922	rBV2	180	163	0.03%	0.004%
76	10.527	2931	2935	2938	rBV	404	267	0.05%	0.007%
77	10.611	2958	2961	2963	rBV	231	148	0.03%	0.004%
78	10.694	2984	2987	2989	rBV2	187	125	0.03%	0.003%
79	10.804	3016	3021	3022	rBV	179	146	0.03%	0.004%
80	10.987	3072	3078	3087	rVB3	2007	2605	0.53%	0.070%
81	11.190	3133	3141	3144	rBV3	577	743	0.15%	0.020%
82	11.231	3152	3154	3159	rVB3	260	146	0.03%	0.004%
83	11.296	3163	3174	3194	rBV	179617	290010	59.43%	7.799%
84	11.392	3194	3204	3214	rVV2	9626	16066	3.29%	0.432%
85	11.466	3224	3227	3229	rBV	224	175	0.04%	0.005%
86	11.505	3236	3239	3241	rBV2	151	111	0.02%	0.003%
87	11.527	3243	3246	3247	rVV	231	145	0.03%	0.004%
88	11.553	3251	3254	3256	rBV	179	116	0.02%	0.003%
89	11.672	3279	3291	3308	rBV	162346	264819	54.27%	7.122%
90	11.794	3322	3329	3333	rBV2	384	511	0.10%	0.014%
91	11.903	3359	3363	3366	rBV2	406	305	0.06%	0.008%
92	11.971	3378	3384	3386	rBV2	247	285	0.06%	0.008%
93	12.022	3393	3400	3406	rBV2	351	550	0.11%	0.015%
94	12.096	3420	3423	3426	rBV	257	175	0.04%	0.005%
95	12.678	3601	3604	3611	rBV2	445	444	0.09%	0.012%
96	12.707	3611	3613	3616	rBV	206	156	0.03%	0.004%
97	13.228	3771	3775	3776	rBV2	257	164	0.03%	0.004%
98	13.489	3853	3856	3858	rBV2	243	134	0.03%	0.004%
99	13.800	3947	3953	3958	rBV4	1102	1376	0.28%	0.037%
100	14.794	4260	4262	4263	rBV	413	173	0.04%	0.005%

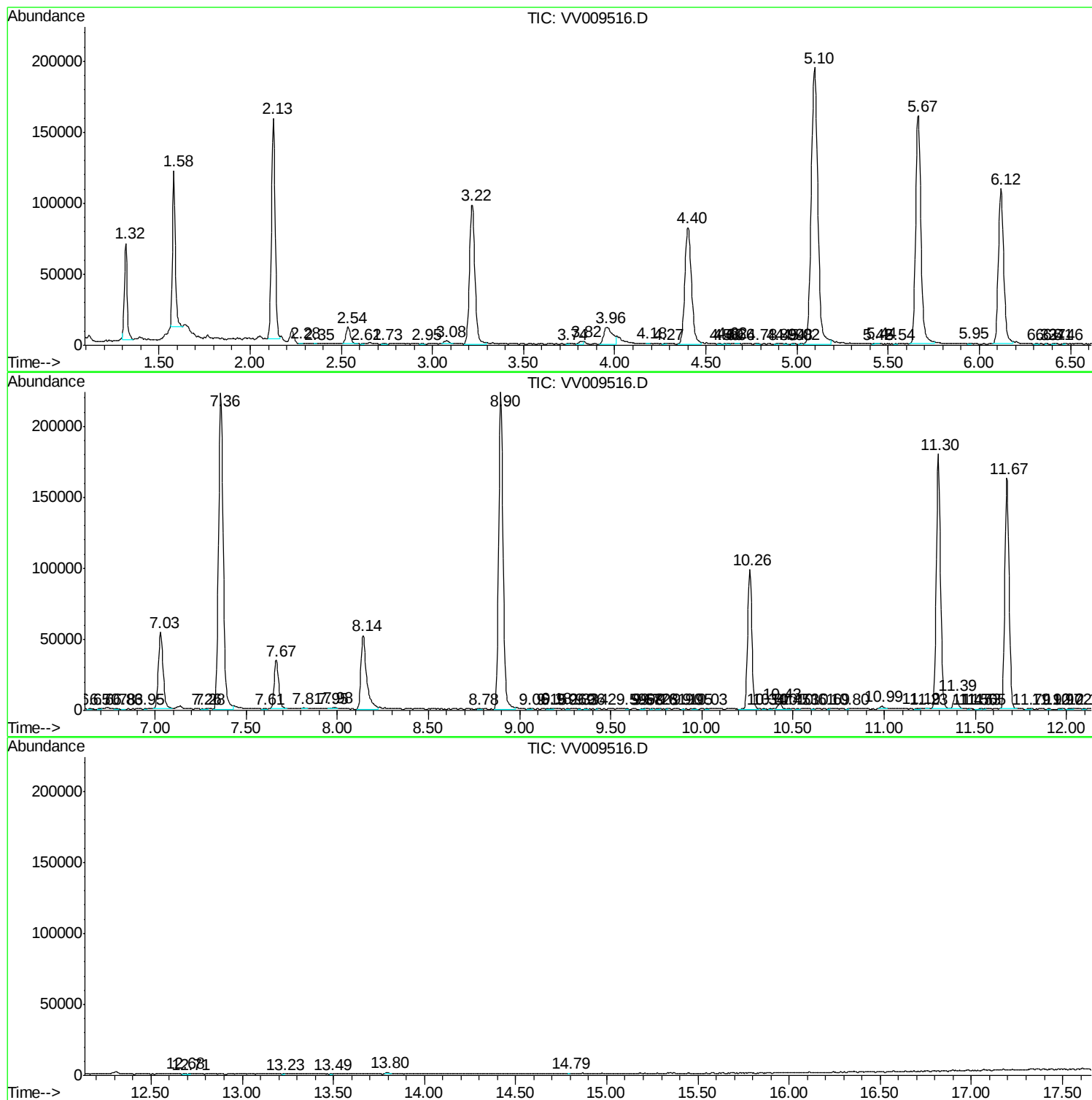
Sum of corrected areas: 3718331

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



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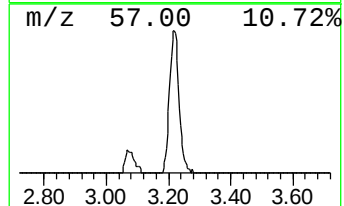
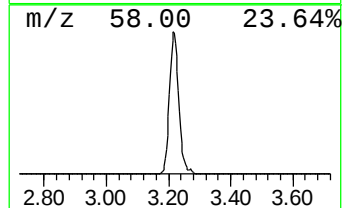
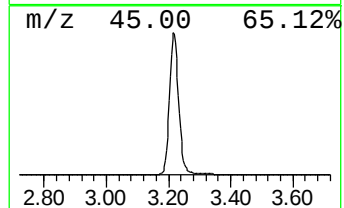
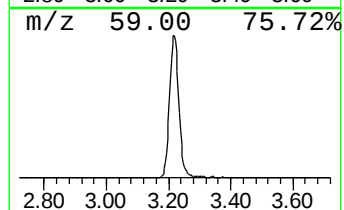
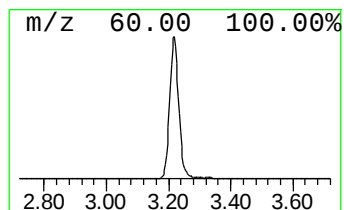
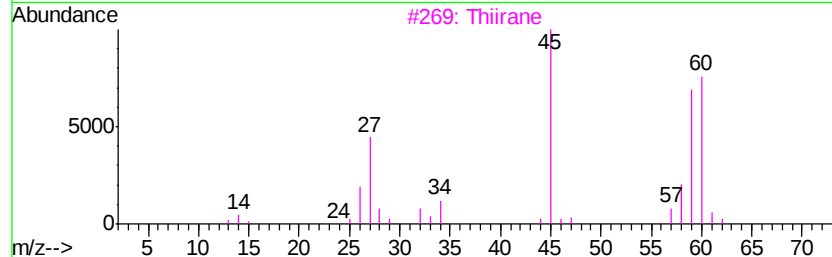
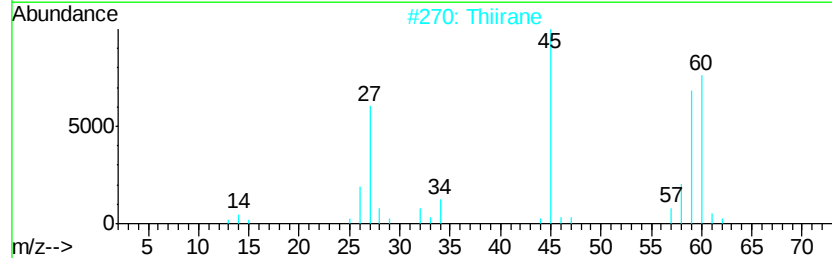
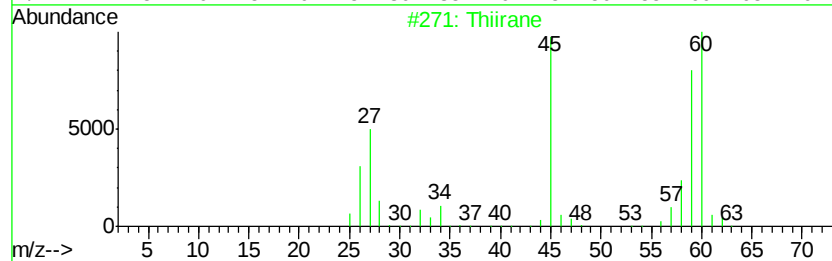
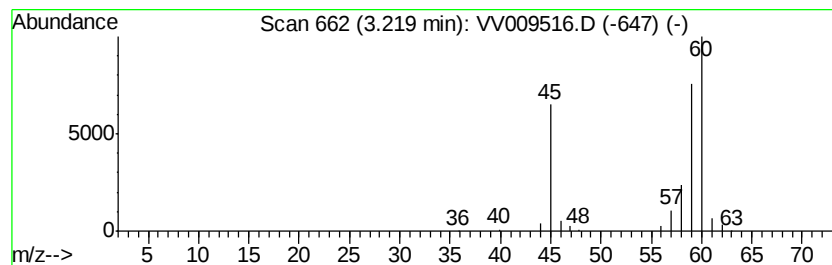
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM030519S.M
Quant Title : VOC Analysis

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

Peak Number 1 Thiirane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.22	15.54 ug/L	203249	1,4-Difluorobenzene	5.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Thiirane	60	C2H4S	000420-12-2	90
2		Thiirane	60	C2H4S	000420-12-2	78
3		Thiirane	60	C2H4S	000420-12-2	78
4		Silane, dimethyl-	60	C2H8Si	001111-74-6	25
5		Silane, dimethyl-	60	C2H8Si	001111-74-6	25



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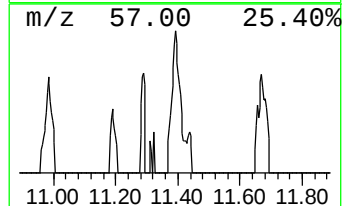
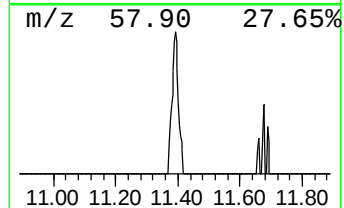
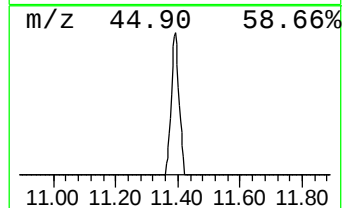
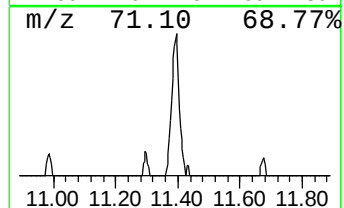
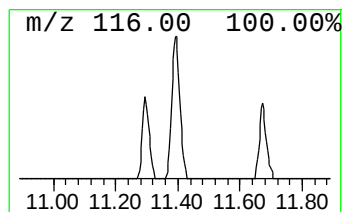
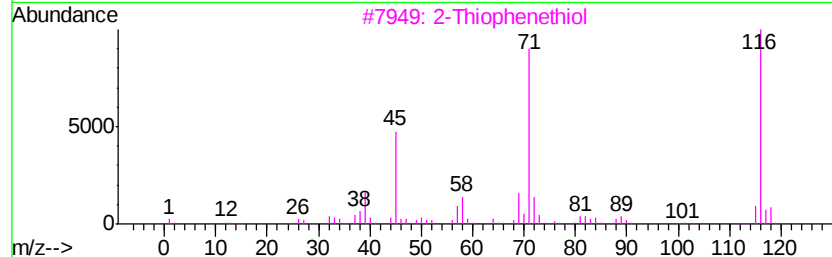
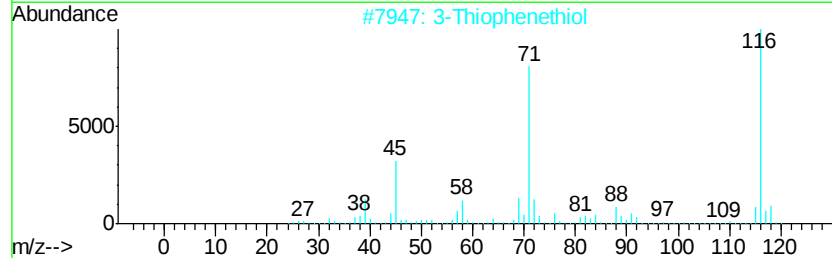
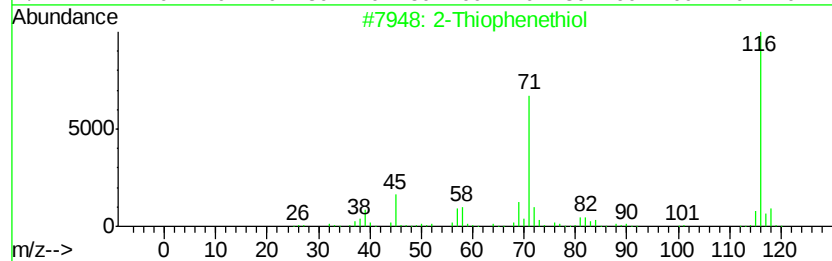
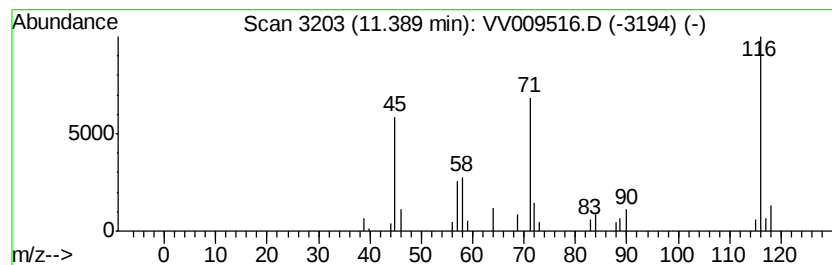
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Peak Number 3 2-Thiophenethiol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.39	1.38 ug/L	16066	1,4-Dichlorobenzene-d4	11.30		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2	Thiophenethiol	116	C4H4S2	007774-74-5	80
2	3	Thiophenethiol	116	C4H4S2	007774-73-4	64
3	2	Thiophenethiol	116	C4H4S2	007774-74-5	50
4	1	Methyl-5-mercaptotetrazole	116	C2H4N4S	013183-79-4	35
5		Formic acid, ethoxymethylene hyd...	116	C4H8N2O2	006699-99-6	28



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Thiirane	3.22	15.5	ug/L	203249	1	5.66	326895	25.0
2-Thiophenethiol	11.39	1.4	ug/L	16066	3	11.30	290010	25.0