

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082924\
 Data File : VV037154.D
 Acq On : 29 Aug 2024 14:01
 Operator : SY/MD
 Sample : P3692-05
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E1K42

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\SFAMVLM082624WMA.M
 Title : VOC Analysis

Signal : TIC: VV037154.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.179	37	43	51	rBV	6180	10811	0.04%	0.025%
2	1.278	66	74	93	rBV	368631	403143	1.62%	0.922%
3	1.388	103	108	114	rVB	14381	13812	0.06%	0.032%
4	1.532	146	153	168	rVB	303675	359686	1.45%	0.823%
5	2.060	307	317	332	rBV	624512	900827	3.62%	2.060%
6	3.233	679	682	684	rBV4	1599	853	0.00%	0.002%
7	3.326	708	711	714	rBV4	904	742	0.00%	0.002%
8	3.378	724	727	732	rVV6	1196	1129	0.00%	0.003%
9	3.413	736	738	742	rVV5	1340	719	0.00%	0.002%
10	3.439	742	746	752	rVB7	1354	1337	0.01%	0.003%
11	3.513	767	769	773	rVB3	1829	1105	0.00%	0.003%
12	3.539	773	777	779	rBV5	750	683	0.00%	0.002%
13	3.699	825	827	831	rBV4	1368	951	0.00%	0.002%
14	3.799	849	858	896	rVV2	134637	388637	1.56%	0.889%
15	4.021	925	927	931	rVB5	2059	1037	0.00%	0.002%
16	4.101	948	952	955	rBV5	1142	1182	0.00%	0.003%
17	4.246	977	997	1028	rBV	399507	1022456	4.11%	2.338%
18	4.497	1072	1075	1083	rVB6	2142	2522	0.01%	0.006%
19	4.548	1089	1091	1094	rBV3	1088	838	0.00%	0.002%
20	4.584	1099	1102	1105	rVB4	1150	888	0.00%	0.002%
21	4.728	1140	1147	1151	rVB7	1457	1761	0.01%	0.004%
22	4.754	1151	1155	1158	rBV5	1235	1211	0.00%	0.003%
23	4.896	1194	1199	1200	rBV5	961	945	0.00%	0.002%
24	4.953	1201	1217	1220	rBV2	1050105	2029504	8.16%	4.642%
25	5.002	1221	1232	1275	rVB	11352290	24864191	100.00%	56.867%
26	5.272	1306	1316	1337	rVB	113221	247436	1.00%	0.566%
27	5.529	1385	1396	1422	rBV	687422	1408538	5.66%	3.221%
28	5.757	1463	1467	1470	rBV6	1806	1846	0.01%	0.004%
29	5.828	1483	1489	1504	rVB10	8316	16188	0.07%	0.037%
30	5.986	1525	1538	1565	rBV	545129	1135539	4.57%	2.597%
31	6.423	1672	1674	1676	rBV3	1095	777	0.00%	0.002%
32	6.590	1720	1726	1728	rBV6	1104	1080	0.00%	0.002%
33	6.690	1752	1757	1758	rBV4	1276	837	0.00%	0.002%
34	6.715	1761	1765	1768	rBV5	1116	1216	0.00%	0.003%
35	6.744	1773	1774	1779	rVB5	1330	899	0.00%	0.002%
36	6.873	1810	1814	1815	rBV3	1798	1054	0.00%	0.002%

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Integrator: RTE

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Sampling : 1

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Stop Thrs : 0

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Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Title : VOC Analysis

37	6.912	1815	1826	1851	rBV	282545	538377	2.17%	1.231%
38	7.239	1917	1928	1944	rVV	1124914	1958156	7.88%	4.478%
39	7.317	1946	1952	1975	rVB	99978	198747	0.80%	0.455%
40	7.551	2016	2025	2046	rBV	187539	341068	1.37%	0.780%
41	7.831	2109	2112	2117	rVB6	1272	1099	0.00%	0.003%
42	7.931	2141	2143	2147	rVB5	1678	1017	0.00%	0.002%
43	8.024	2161	2172	2206	rBV	500081	1014696	4.08%	2.321%
44	8.471	2307	2311	2314	rVB5	1550	851	0.00%	0.002%
45	8.780	2396	2407	2439	rBV	1065409	1777498	7.15%	4.065%
46	9.149	2520	2522	2525	rBV3	1399	713	0.00%	0.002%
47	9.255	2552	2555	2560	rVB6	1784	1338	0.01%	0.003%
48	9.284	2562	2564	2569	rVB5	1205	962	0.00%	0.002%
49	9.326	2572	2577	2578	rBV5	941	732	0.00%	0.002%
50	9.365	2579	2589	2590	rBV7	4155	4690	0.02%	0.011%
51	9.609	2657	2665	2679	rBV5	25883	47689	0.19%	0.109%
52	9.680	2681	2687	2699	rVB6	11548	18702	0.08%	0.043%
53	9.931	2762	2765	2771	rVV7	1607	1845	0.01%	0.004%
54	10.149	2821	2833	2852	rBV	679630	1090732	4.39%	2.495%
55	10.294	2875	2878	2880	rBV3	1473	816	0.00%	0.002%
56	10.342	2891	2893	2897	rVB3	2062	1060	0.00%	0.002%
57	10.442	2918	2924	2925	rBV4	1856	1508	0.01%	0.003%
58	10.673	2992	2996	2998	rBV4	990	782	0.00%	0.002%
59	10.699	3000	3004	3005	rBV3	1246	744	0.00%	0.002%
60	10.709	3005	3007	3008	rBV2	1609	715	0.00%	0.002%
61	10.789	3029	3032	3036	rVB4	1883	1396	0.01%	0.003%
62	10.850	3048	3051	3055	rBV4	1767	1470	0.01%	0.003%
63	10.902	3062	3067	3069	rVB5	991	789	0.00%	0.002%
64	10.937	3069	3078	3084	rBV5	4914	8783	0.04%	0.020%
65	10.992	3093	3095	3104	rVB8	2281	2688	0.01%	0.006%
66	11.091	3124	3126	3131	rVV6	1276	1043	0.00%	0.002%
67	11.181	3142	3154	3181	rBV	1097884	1735402	6.98%	3.969%
68	11.410	3223	3225	3229	rVB5	1321	775	0.00%	0.002%
69	11.554	3258	3270	3295	rBV	1133341	1785597	7.18%	4.084%
70	11.683	3303	3310	3325	rVB2	34318	58250	0.23%	0.133%
71	11.950	3390	3393	3396	rVB4	1990	1089	0.00%	0.002%
72	12.024	3412	3416	3418	rVB3	1483	849	0.00%	0.002%
73	12.165	3456	3460	3463	rBV4	987	823	0.00%	0.002%
74	12.188	3463	3467	3469	rBV5	2536	1881	0.01%	0.004%
75	12.239	3480	3483	3484	rBV3	1609	948	0.00%	0.002%
76	12.400	3531	3533	3535	rBV3	1421	721	0.00%	0.002%

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 Title : VOC Analysis

77	12.500	3559	3564	3568	rBV6	1793	1524	0.01%	0.003%
78	12.545	3576	3578	3583	rVB7	1574	1043	0.00%	0.002%
79	12.577	3583	3588	3589	rBV5	1624	1523	0.01%	0.003%
80	12.699	3623	3626	3627	rBV3	1562	927	0.00%	0.002%
81	12.763	3644	3646	3649	rBV3	1021	754	0.00%	0.002%
82	12.815	3651	3662	3682	rBV2	67539	135838	0.55%	0.311%
83	13.050	3732	3735	3737	rBV4	1622	981	0.00%	0.002%
84	13.291	3807	3810	3812	rBV4	1802	1106	0.00%	0.003%
85	13.345	3817	3827	3843	rBV3	47049	95981	0.39%	0.220%
86	13.648	3914	3921	3931	rBV8	9226	19018	0.08%	0.043%
87	13.776	3957	3961	3971	rVB9	8312	12157	0.05%	0.028%
88	13.876	3990	3992	3998	rVB6	1754	1288	0.01%	0.003%
89	14.114	4063	4066	4073	rVB8	1785	1541	0.01%	0.004%
90	14.310	4123	4127	4130	rBV5	1588	1350	0.01%	0.003%
91	14.458	4170	4173	4176	rVB4	1933	1184	0.00%	0.003%
92	14.619	4215	4223	4228	rBV9	3155	5013	0.02%	0.011%
93	14.702	4246	4249	4252	rBV4	966	848	0.00%	0.002%
94	14.763	4264	4268	4272	rBV6	1931	1750	0.01%	0.004%
95	14.847	4292	4294	4297	rBV5	1046	703	0.00%	0.002%
96	15.024	4347	4349	4351	rBV2	1324	708	0.00%	0.002%
97	15.066	4360	4362	4367	rVB6	1840	1385	0.01%	0.003%
98	15.133	4381	4383	4386	rBV3	1233	890	0.00%	0.002%
99	15.535	4505	4508	4510	rBV4	1760	1130	0.00%	0.003%
100	15.750	4572	4575	4576	rBV3	2594	1639	0.01%	0.004%

Sum of corrected areas: 43723702

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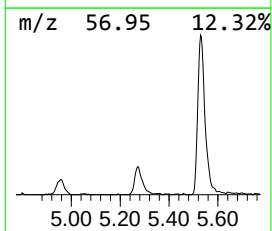
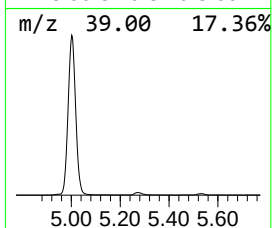
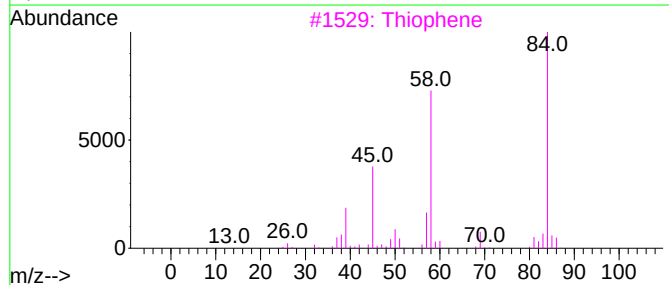
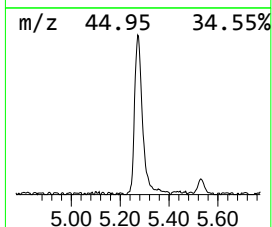
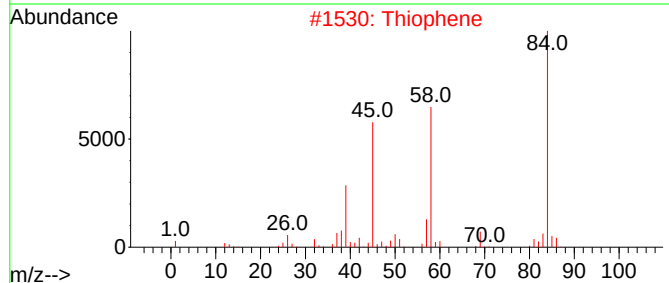
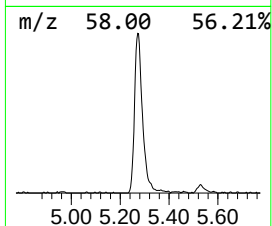
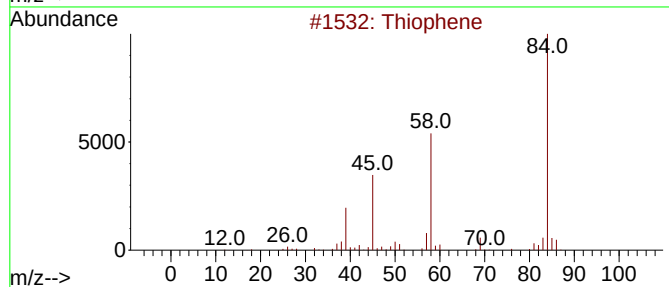
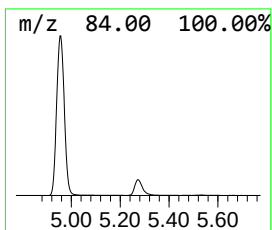
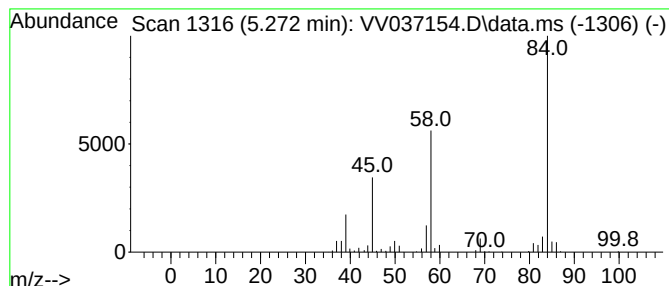
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Thiophene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.272	8.78 ug/L	247436	1,4-Difluorobenzene	5.529

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Thiophene	84	C4H4S	000110-02-1	91
2			Thiophene	84	C4H4S	000110-02-1	91
3			Thiophene	84	C4H4S	000110-02-1	86
4			Thiophene	84	C4H4S	000110-02-1	83
5			4H-1,2,4-Triazol-4-amine	84	C2H4N4	000584-13-4	43



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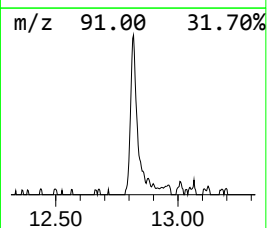
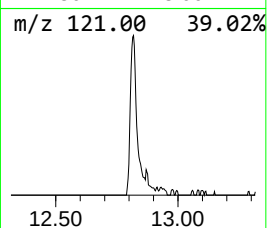
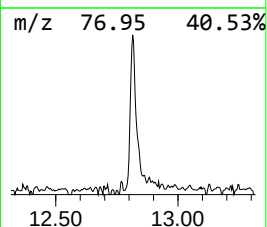
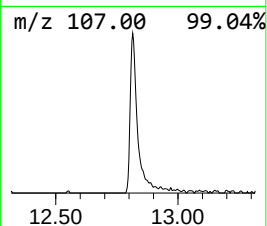
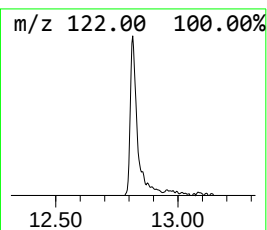
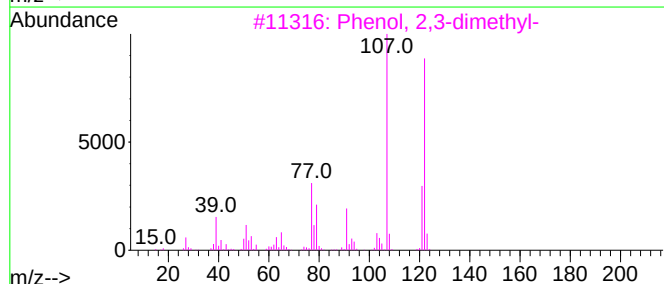
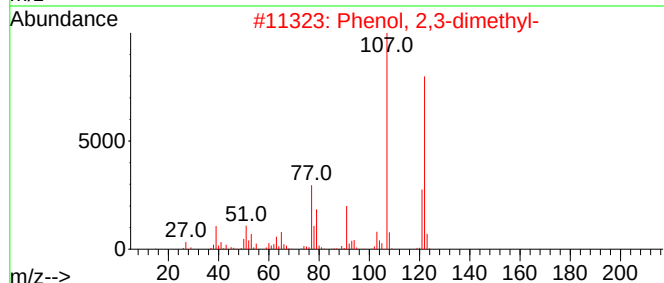
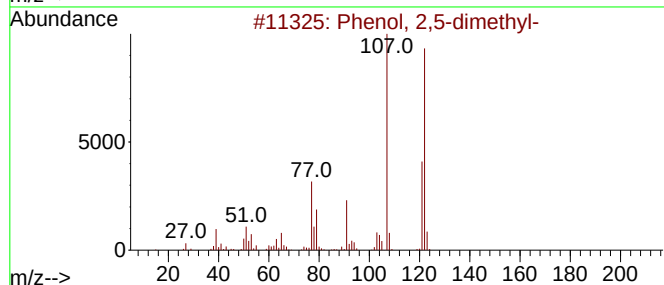
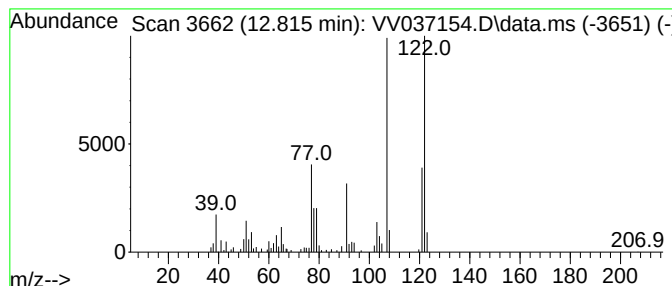
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Phenol, 2,5-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.815	3.91 ug/L	135838	1,4-Dichlorobenzene-d4	11.181

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	97
2			Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	97
3			Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	97
4			Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	96
5			Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	95



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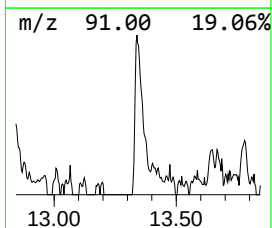
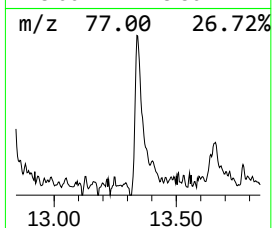
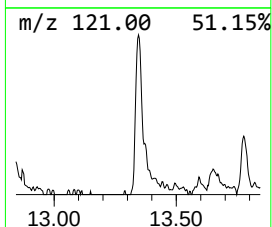
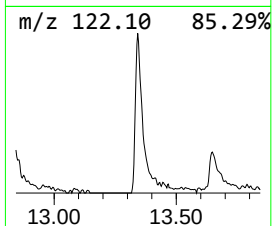
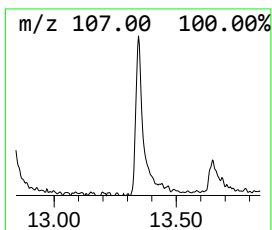
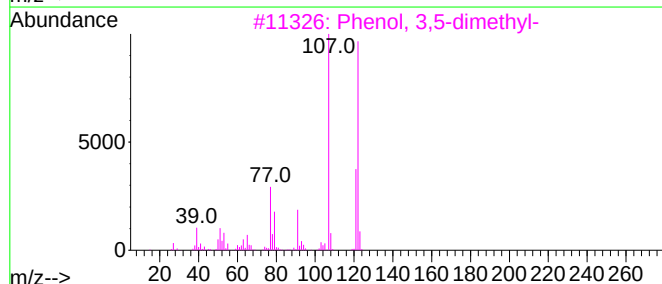
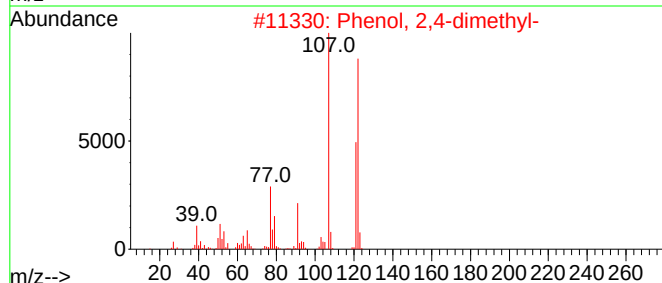
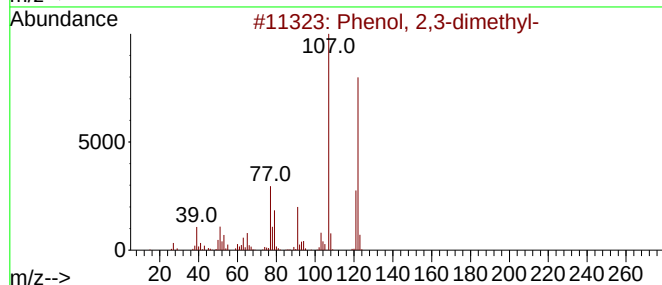
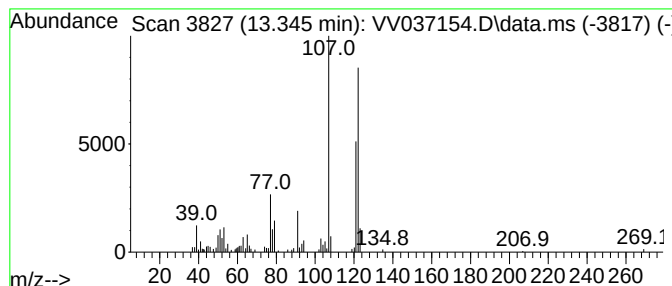
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Phenol, 2,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.345	2.77 ug/L	95981	1,4-Dichlorobenzene-d4	11.181

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	97
2			Phenol, 2,4-dimethyl-	122	C8H10O	000105-67-9	96
3			Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	94
4			Phenol, 2,4-dimethyl-	122	C8H10O	000105-67-9	94
5			Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	94



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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Thiophene	5.272	8.8	ug/L	247436	1	5.529	1408540	50.0
Phenol, 2,5-dim...	12.815	3.9	ug/L	135838	3	11.181	1735400	50.0
Phenol, 2,3-dim...	13.345	2.8	ug/L	95981	3	11.181	1735400	50.0