LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060420\
Data File : VV016519.D
Acq On : 04 Jun 2020 19:16
Operator : SY/MD
Sample : L2849-18
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETTP8

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

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	14	rVB	16403	14788	0.10%	0.058%
2	1.315	63	70	82	rVB	155733	163671	1.14%	0.643%
3	1.563	141	147	160	rVB	123069	145231	1.01%	0.570%
4	2.116	309	319	332	rBV	244898	353823	2.46%	1.389%
5	2.409	406	410	414	rBV6	1900	1851	0.01%	0.007%
6	2.586	462	465	469	rVB5	1347	1148	0.01%	0.005%
7	2.640	478	482	486	rBV6	1418	1412	0.01%	0.006%
8	2.676	490	493	497	rVB5	1748	1020	0.01%	0.004%
9	2.782	521	526	528	rBV5	2587	2029	0.01%	0.008%
10	2.878	553	556	558	rBV3	1480	930	0.01%	0.004%
11	2.978	581	587	589	rBV4	1456	1205	0.01%	0.005%
12	3.052	608	610	615	rVB6	1422	914	0.01%	0.004%
13	3.100	623	625	629	rVB4	1524	1009	0.01%	0.004%
14	3.129	629	634	636	rBV4	1572	1522	0.01%	0.006%
15	3.267	675	677	683	rVV6	1898	1698	0.01%	0.007%
16	3.441	726	731	733	rBV4	1199	1067	0.01%	0.004%
17	3.598	778	780	783	rVB3	2391	1310	0.01%	0.005%
18	3.618	783	786	788	rBV5	1513	910	0.01%	0.004%
19	3.743	822	825	828	rBV4	1596	937	0.01%	0.004%
20	3.846	854	857	860	rBV4	1578	990	0.01%	0.004%
21	3.901	860	874	900	rBV	125407	337696	2.34%	1.326%
22	4.029	912	914	919	rVB5	1841	1326	0.01%	0.005%
23	4.200	963	967	971	rVB6	1373	1345	0.01%	0.005%
24	4.373	1004	1021	1043	rBV	223386	544648	3.78%	2.138%
25	4.685	1113	1118	1122	rBV6	1143	1037	0.01%	0.004%
26	5.074	1219	1239	1242	rBV2	538806	1138103	7.90%	4.469%
27	5.122	1243	1254	1283	rVB	6609454	14403586	100.00%	56.553%
28	5.386	1325	1336	1355	rVB	73790	158503	1.10%	0.622%
29	5.640	1402	1415	1439	rBV	444511	872990	6.06%	3.428%
30	5.904	1493	1497	1498	rBV4	1599	1266	0.01%	0.005%
31	5.913	1498	1500	1501	rBV2	2090	1122	0.01%	0.004%
32	6.093	1542	1556	1580	rBV	314760	630301	4.38%	2.475%
33	6.318	1621	1626	1630	rVB6	1938	2012	0.01%	0.008%
34	6.431	1658	1661	1664	rBV4	1895	1406	0.01%	0.006%

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Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETTP8

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

35	6.531	1688	1692	1694	rBV4	1364	1178	0.01%	0.005%
36	6.624	1717	1721	1723	rBV4	1885	1513	0.01%	0.006%
37	6.730	1752	1754	1759	rVV6	1546	1219	0.01%	0.005%
38	6.862	1793	1795	1800	rBV4	1072	1012	0.01%	0.004%
39	7.007	1827	1840	1857	rBV	166332	297326	2.06%	1.167%
40	7.338	1928	1943	1957	rBV	628061	1079062	7.49%	4.237%
41	7.412	1958	1966	1984	rVB	78657	140930	0.98%	0.553%
42	7.643	2027	2038	2054	rBV	119656	204091	1.42%	0.801%
43	7.894	2113	2116	2119	rBV4	1597	1102	0.01%	0.004%
44	8.055	2162	2166	2168	rBV4	1511	956	0.01%	0.004%
45	8.106	2168	2182	2209	rBV	460902	780040	5.42%	3.063%
46	8.222	2216	2218	2222	rBV5	1847	1359	0.01%	0.005%
47	8.540	2314	2317	2319	rVB4	1820	937	0.01%	0.004%
48	8.614	2337	2340	2343	rBV4	1210	1048	0.01%	0.004%
49	8.752	2378	2383	2390	rBV6	1744	2694	0.02%	0.011%
50	8.875	2408	2421	2447	rVV	661475	1075698	7.47%	4.223%
51	9.039	2469	2472	2475	rBV4	1595	1293	0.01%	0.005%
52	9.232	2529	2532	2539	rBV7	1597	1341	0.01%	0.005%
53	9.325	2558	2561	2563	rBV5	1340	902	0.01%	0.004%
54	9.450	2593	2600	2604	rBV8	4089	5331	0.04%	0.021%
55	9.588	2640	2643	2648	rVB7	2139	1826	0.01%	0.007%
56	9.695	2665	2676	2687	rBV3	28031	47095	0.33%	0.185%
57	9.765	2690	2698	2706	rVB4	11923	19141	0.13%	0.075%
58	9.826	2715	2717	2720	rBV4	1351	1128	0.01%	0.004%
59	9.942	2747	2753	2765	rBV4	4159	7906	0.05%	0.031%
60	10.238	2832	2845	2860	rBV	441609	687038	4.77%	2.698%
61	10.460	2911	2914	2918	rVB7	1507	1062	0.01%	0.004%
62	10.514	2924	2931	2932	rBV7	2432	2418	0.02%	0.009%
63	10.701	2985	2989	2997	rVB9	3286	3960	0.03%	0.016%
64	10.794	3011	3018	3021	rBV6	2551	3459	0.02%	0.014%
65	11.010	3083	3085	3093	rVB9	4072	4624	0.03%	0.018%
66	11.270	3153	3166	3186	rBV	682379	1029412	7.15%	4.042%
67	11.360	3192	3194	3199	rVB6	2100	1588	0.01%	0.006%
68	11.434	3215	3217	3221	rVB4	1697	1365	0.01%	0.005%
69	11.553	3245	3254	3269	rVV3	16179	32856	0.23%	0.129%
70	11.646	3272	3283	3301	rVB	658526	1033462	7.18%	4.058%
71	11.772	3314	3322	3335	rVB3	16390	27342	0.19%	0.107%

LSC Area Percent Report

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Instrument : MSVOA_V
ClientSampleId : ETTP8

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_V\METHOD\SOMVLM060320WMA.M
Title : VOC Analysis

72	12.006	3391	3395	3397	rVB4	1496	986	0.01%	0.004%
73	12.029	3397	3402	3406	rBV8	2496	2490	0.02%	0.010%
74	12.260	3470	3474	3475	rBV4	3915	2557	0.02%	0.010%
75	12.376	3504	3510	3520	rVB10	4548	7139	0.05%	0.028%
76	12.643	3590	3593	3596	rVB5	1379	947	0.01%	0.004%
77	12.669	3596	3601	3602	rBV4	2329	1504	0.01%	0.006%
78	12.833	3647	3652	3655	rBV7	1635	1282	0.01%	0.005%
79	12.897	3662	3672	3685	rVV	61535	99940	0.69%	0.392%
80	13.032	3711	3714	3717	rBV3	1261	1090	0.01%	0.004%
81	13.164	3752	3755	3759	rBV6	1916	1643	0.01%	0.006%
82	13.421	3827	3835	3846	rBV8	9348	17737	0.12%	0.070%
83	13.524	3861	3867	3876	rBV8	4988	8416	0.06%	0.033%
84	13.611	3889	3894	3898	rBV7	1808	1792	0.01%	0.007%
85	13.852	3964	3969	3970	rBV4	1958	1462	0.01%	0.006%
86	14.035	4021	4026	4029	rVB7	1177	1000	0.01%	0.004%
87	14.161	4061	4065	4066	rBV4	1420	924	0.01%	0.004%
88	14.472	4156	4162	4164	rBV6	1426	1196	0.01%	0.005%
89	14.630	4209	4211	4215	rBV4	1221	1012	0.01%	0.004%
90	14.739	4242	4245	4251	rVB8	1915	2069	0.01%	0.008%
91	14.775	4251	4256	4262	rBV9	1973	2798	0.02%	0.011%
92	14.817	4263	4269	4271	rVB7	1502	1644	0.01%	0.006%
93	14.842	4274	4277	4278	rBV3	1725	929	0.01%	0.004%
94	14.907	4295	4297	4307	rVB10	2022	2886	0.02%	0.011%
95	15.006	4323	4328	4330	rBV5	1628	1305	0.01%	0.005%
96	15.193	4382	4386	4387	rBV4	1856	1190	0.01%	0.005%
97	15.283	4411	4414	4418	rBV5	1887	1592	0.01%	0.006%
98	15.559	4497	4500	4504	rBV5	1927	1660	0.01%	0.007%
99	15.640	4520	4525	4527	rBV4	1748	1740	0.01%	0.007%
100	15.794	4570	4573	4575	rBV4	1575	948	0.01%	0.004%

Sum of corrected areas: 25469398

LSC Report - Integrated Chromatogram

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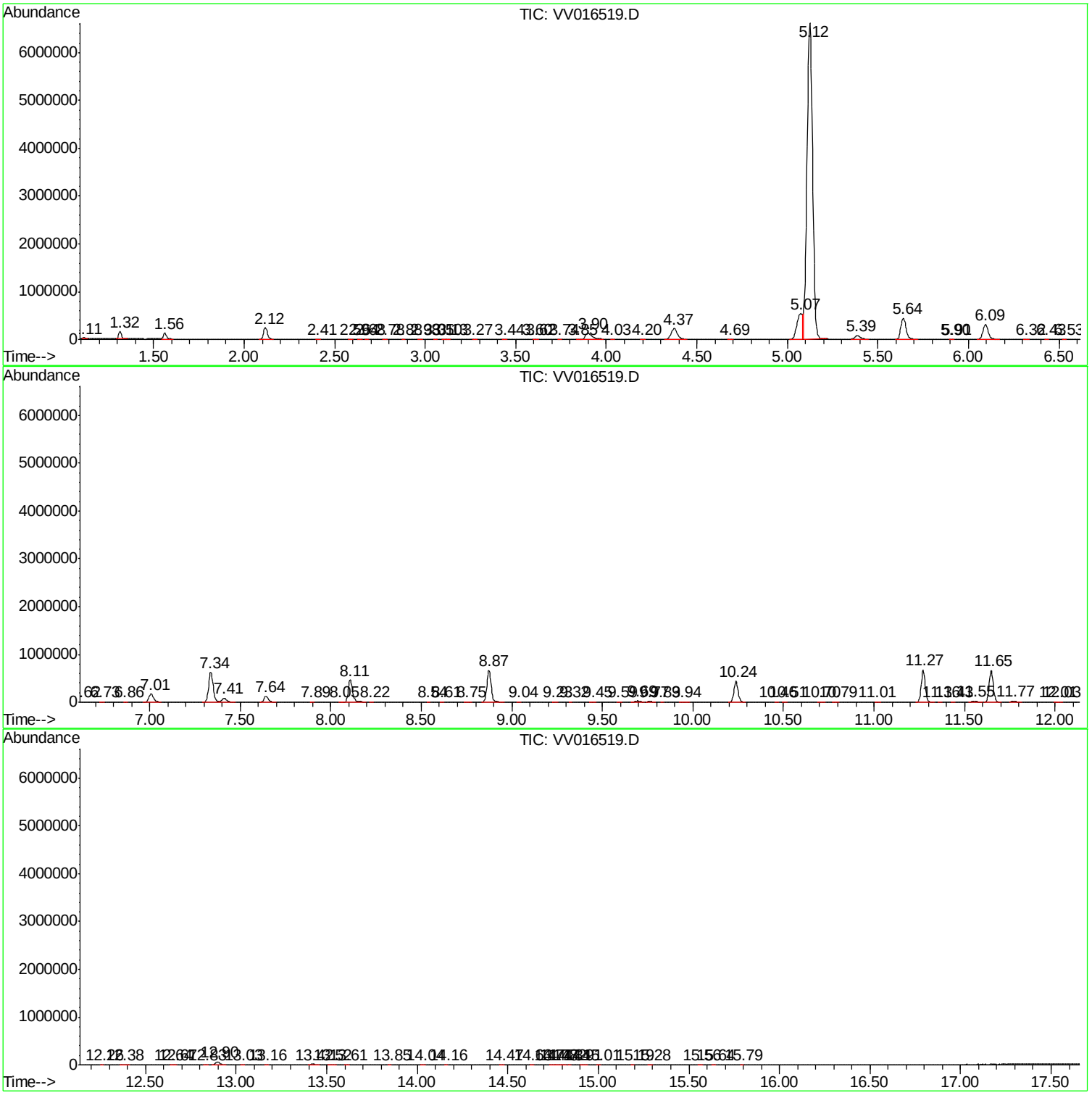
Sample : L2849-18
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETTP8

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

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



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Quant Title : VOC Analysis

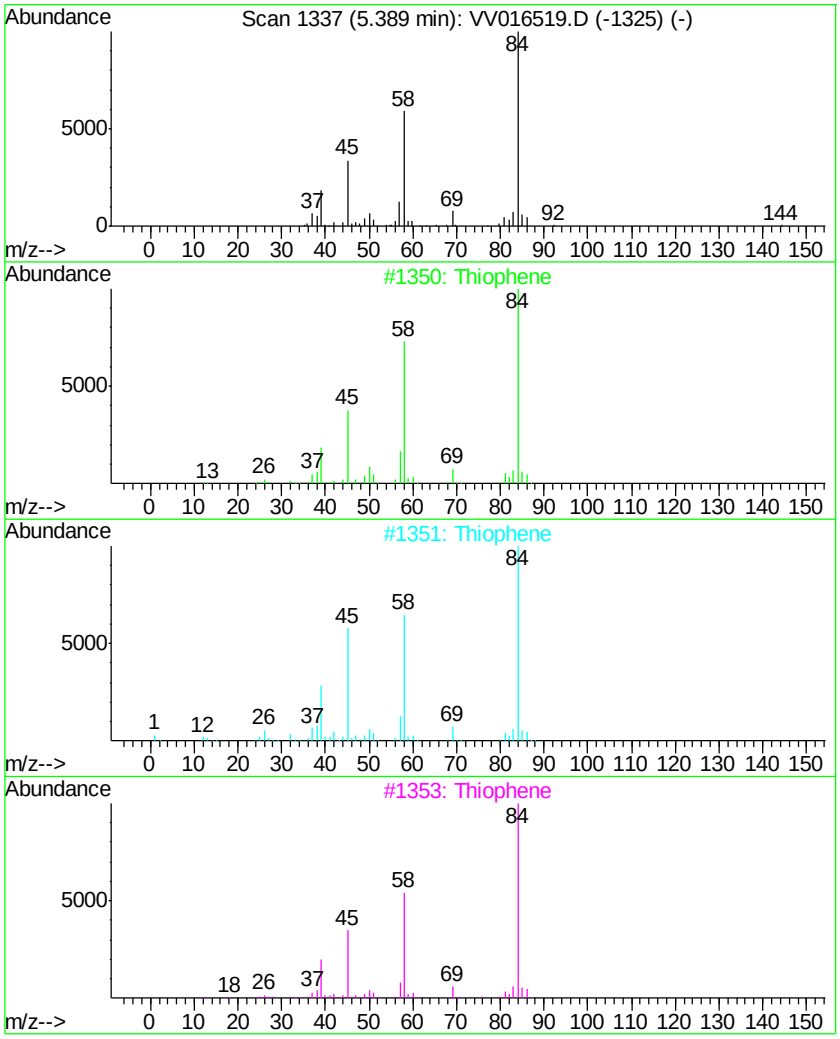
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

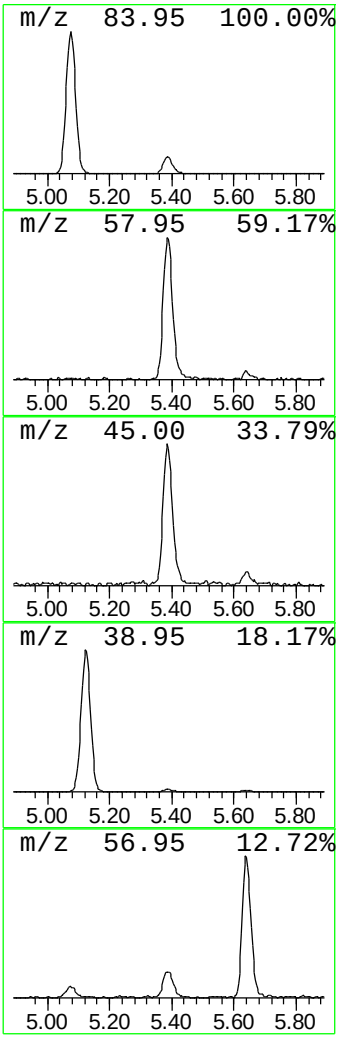
****

Peak Number 1 Thiophene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.39	9.08 ug/L	158503	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene	84	C4H4S	000110-02-1	97
2	Thiophene	84	C4H4S	000110-02-1	91
3	Thiophene	84	C4H4S	000110-02-1	91
4	Thiophene	84	C4H4S	000110-02-1	91
5	2-Thiabicyclo[3.2.0]hept-3-ene-6...	214	C9H10O4S	034244-70-7	50





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

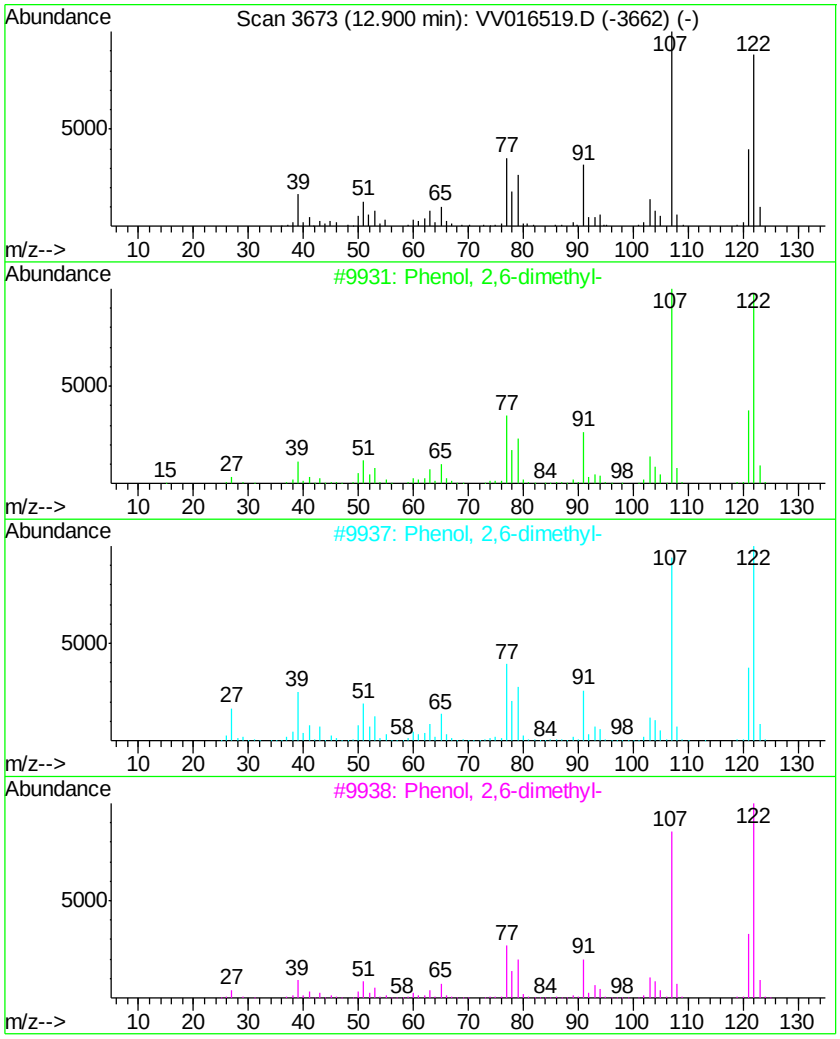
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

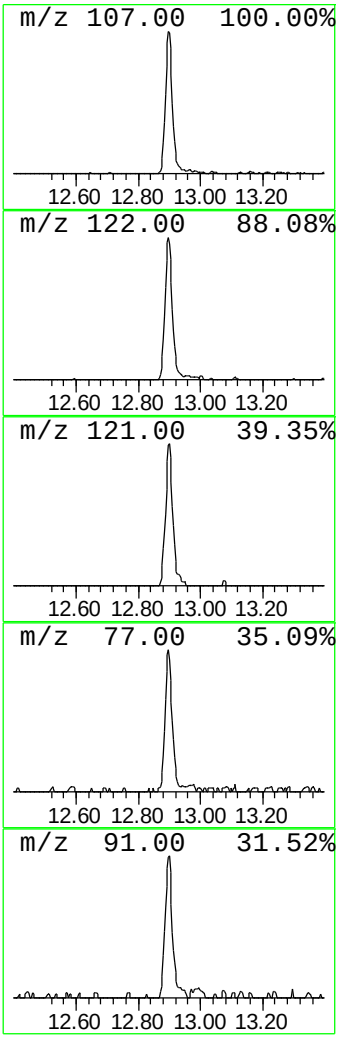
****

Peak Number 3 Phenol, 2,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.90	4.85 ug/L	99940	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	97
2	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	96
3	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	95
4	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	95
5	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	94





Tentatively Identified Compound (LSC) summary

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Quant Title : VOC Analysis

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Thiophene	5.39	9.1	ug/L	158503	1	5.64	872990	50.0
Phenol, 2,6-dimet...	12.90	4.8	ug/L	99940	3	11.27	1029410	50.0