LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061020\
Data File : VU038762.D
Acq On : 10 Jun 2020 06:56
Operator : SY/MD
Sample : L2913-10 100X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9E52

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_U\METHOD\SOMULM060820WMA.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	1.372	5	10	16	rVB	9236	8439	0.07%	0.025%
2	1.501	44	50	65	rBV4	19510	27845	0.23%	0.083%
3	1.613	74	85	97	rBV3	281097	345510	2.91%	1.036%
4	1.674	97	104	112	rVB	32601	36144	0.30%	0.108%
5	1.748	120	127	136	rVB	31251	36610	0.31%	0.110%
6	1.928	175	183	199	rVB	171666	230809	1.94%	0.692%
7	2.012	201	209	219	rVB	35611	48175	0.41%	0.144%
8	2.176	252	260	267	rBV	30277	40546	0.34%	0.122%
9	2.224	268	275	289	rVB2	30861	48611	0.41%	0.146%
10	2.340	303	311	327	rVB2	28300	41779	0.35%	0.125%
11	2.436	333	341	350	rBV	17914	26123	0.22%	0.078%
12	2.491	350	358	369	rVB	23907	35979	0.30%	0.108%
13	2.591	377	389	405	rBV	376906	637236	5.37%	1.910%
14	2.822	450	461	463	rBV6	1666	2268	0.02%	0.007%
15	2.990	503	513	519	rBV8	1936	3874	0.03%	0.012%
16	3.044	519	530	544	rVV2	27696	54769	0.46%	0.164%
17	3.170	556	569	577	rBV	33446	68921	0.58%	0.207%
18	3.298	605	609	614	rVB4	610	565	0.00%	0.002%
19	3.330	614	619	621	rBV3	523	475	0.00%	0.001%
20	3.395	631	639	646	rVB7	1223	2304	0.02%	0.007%
21	3.623	702	710	712	rBV4	2239	2970	0.03%	0.009%
22	3.735	742	745	753	rVV4	1036	1167	0.01%	0.003%
23	3.948	804	811	816	rBV4	1396	1685	0.01%	0.005%
24	4.211	881	893	906	rBV5	4184	9281	0.08%	0.028%
25	4.289	909	917	919	rBV3	1450	1653	0.01%	0.005%
26	4.571	989	1005	1018	rBV3	11799	28214	0.24%	0.085%
27	4.665	1018	1034	1070	rBV	235528	602504	5.08%	1.806%
28	4.922	1110	1114	1120	rVB3	566	704	0.01%	0.002%
29	5.102	1150	1170	1192	rBV	343525	749517	6.32%	2.247%
30	5.211	1200	1204	1206	rBV4	1067	833	0.01%	0.002%
31	5.272	1218	1223	1226	rBV3	426	474	0.00%	0.001%
32	5.324	1231	1239	1252	rVB4	1717	3280	0.03%	0.010%
33	5.420	1255	1269	1284	rVV5	19406	46278	0.39%	0.139%
34	5.761	1351	1375	1378	rBV3	702075	1620331	13.65%	4.857%

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Instrument : MSVOA_U
ClientSampleId : F9E52

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_U\METHOD\SOMULM060820WMA.M
Title : VOC Analysis

35	5.809	1380	1390	1419	rVB	5854936	11868433	100.00%	35.577%
36	6.050	1456	1465	1480	rVB3	28133	58317	0.49%	0.175%
37	6.279	1522	1536	1570	rVB	692892	1337414	11.27%	4.009%
38	6.562	1612	1624	1639	rBV4	11693	34906	0.29%	0.105%
39	6.719	1659	1673	1691	rBV	436401	836700	7.05%	2.508%
40	6.877	1716	1722	1724	rBV2	687	516	0.00%	0.002%
41	7.050	1773	1776	1785	rBV3	388	531	0.00%	0.002%
42	7.211	1816	1826	1833	rBV6	2435	3744	0.03%	0.011%
43	7.411	1883	1888	1889	rBV2	771	466	0.00%	0.001%
44	7.591	1925	1944	1964	rBV	231614	404277	3.41%	1.212%
45	7.703	1970	1979	1981	rBV5	1424	1747	0.01%	0.005%
46	7.784	1998	2004	2008	rBV3	999	1207	0.01%	0.004%
47	7.922	2032	2047	2058	rBV	790335	1404072	11.83%	4.209%
48	7.993	2058	2069	2100	rVV	2033674	3711286	31.27%	11.125%
49	8.121	2102	2109	2121	rVV	48847	89483	0.75%	0.268%
50	8.198	2122	2133	2150	rVV	168637	286052	2.41%	0.857%
51	8.292	2153	2162	2172	rVB2	17246	27714	0.23%	0.083%
52	8.433	2201	2206	2210	rVB4	711	732	0.01%	0.002%
53	8.655	2258	2275	2307	rBV	683225	1224604	10.32%	3.671%
54	8.812	2317	2324	2334	rVB6	6217	10319	0.09%	0.031%
55	8.938	2361	2363	2367	rVB4	828	489	0.00%	0.001%
56	9.359	2490	2494	2498	rBV4	610	719	0.01%	0.002%
57	9.385	2498	2502	2504	rVV2	788	617	0.01%	0.002%
58	9.436	2504	2518	2551	rVV	965546	1735691	14.62%	5.203%
59	9.587	2552	2565	2588	rVV	519475	864765	7.29%	2.592%
60	9.710	2592	2603	2622	rVB	134372	238808	2.01%	0.716%
61	9.841	2636	2644	2650	rBV6	11790	19612	0.17%	0.059%
62	9.967	2675	2683	2690	rVB6	6358	9906	0.08%	0.030%
63	10.031	2693	2703	2708	rBV6	6328	12001	0.10%	0.036%
64	10.115	2719	2729	2752	rVB	142501	235870	1.99%	0.707%
65	10.295	2780	2785	2794	rVV8	2258	3420	0.03%	0.010%
66	10.346	2794	2801	2804	rVV3	1968	2256	0.02%	0.007%
67	10.378	2805	2811	2822	rVV9	3393	6289	0.05%	0.019%
68	10.443	2822	2831	2838	rVB7	3590	5896	0.05%	0.018%
69	10.497	2838	2848	2859	rBV4	6306	10430	0.09%	0.031%
70	10.661	2894	2899	2909	rVB4	4684	6073	0.05%	0.018%
71	10.771	2920	2933	2950	rBV	601001	971151	8.18%	2.911%

LSC Area Percent Report

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Misc : 5.0mL/MSVOA U/WATER
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Instrument : MSVOA_U
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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

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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060820WMA.M
Title : VOC Analysis

72	10.918	2970	2979	2989	rBV3	6040	11259	0.09%	0.034%
73	10.986	2991	3000	3002	rBV3	7893	9900	0.08%	0.030%
74	11.089	3027	3032	3033	rBV2	1762	1056	0.01%	0.003%
75	11.304	3090	3099	3108	rBV2	9037	14416	0.12%	0.043%
76	11.420	3127	3135	3143	rBV7	2349	3737	0.03%	0.011%
77	11.478	3145	3153	3163	rVB2	12799	18637	0.16%	0.056%
78	11.658	3203	3209	3210	rBV3	1090	1005	0.01%	0.003%
79	11.693	3214	3220	3222	rBV3	616	764	0.01%	0.002%
80	11.735	3229	3233	3236	rBV2	694	553	0.00%	0.002%
81	11.754	3236	3239	3243	rVV3	701	516	0.00%	0.002%
82	11.822	3247	3260	3276	rBV	1027748	1615039	13.61%	4.841%
83	11.906	3278	3286	3297	rVB3	11552	17386	0.15%	0.052%
84	12.105	3339	3348	3356	rVB4	5804	8878	0.07%	0.027%
85	12.205	3366	3379	3398	rVB	886826	1422118	11.98%	4.263%
86	12.324	3409	3416	3424	rVV4	3027	4264	0.04%	0.013%
87	12.690	3525	3530	3538	rVB4	762	1011	0.01%	0.003%
88	12.851	3577	3580	3583	rBV3	695	505	0.00%	0.002%
89	12.906	3593	3597	3600	rBV2	536	475	0.00%	0.001%
90	13.015	3627	3631	3635	rBV2	562	593	0.00%	0.002%
91	13.233	3695	3699	3702	rBV5	664	578	0.00%	0.002%
92	13.404	3748	3752	3757	rVB4	533	444	0.00%	0.001%
93	13.436	3757	3762	3766	rBV3	837	889	0.01%	0.003%
94	13.925	3908	3914	3917	rBV2	740	855	0.01%	0.003%
95	14.111	3963	3972	3985	rVB	16544	25732	0.22%	0.077%
96	14.230	4003	4009	4019	rVV4	2788	4117	0.03%	0.012%
97	14.359	4045	4049	4053	rBV3	733	817	0.01%	0.002%
98	14.899	4211	4217	4219	rBV5	636	690	0.01%	0.002%
99	15.262	4327	4330	4332	rBV3	744	537	0.00%	0.002%
100	15.738	4476	4478	4481	rBV3	920	661	0.01%	0.002%

Sum of corrected areas: 33359818

LSC Report - Integrated Chromatogram

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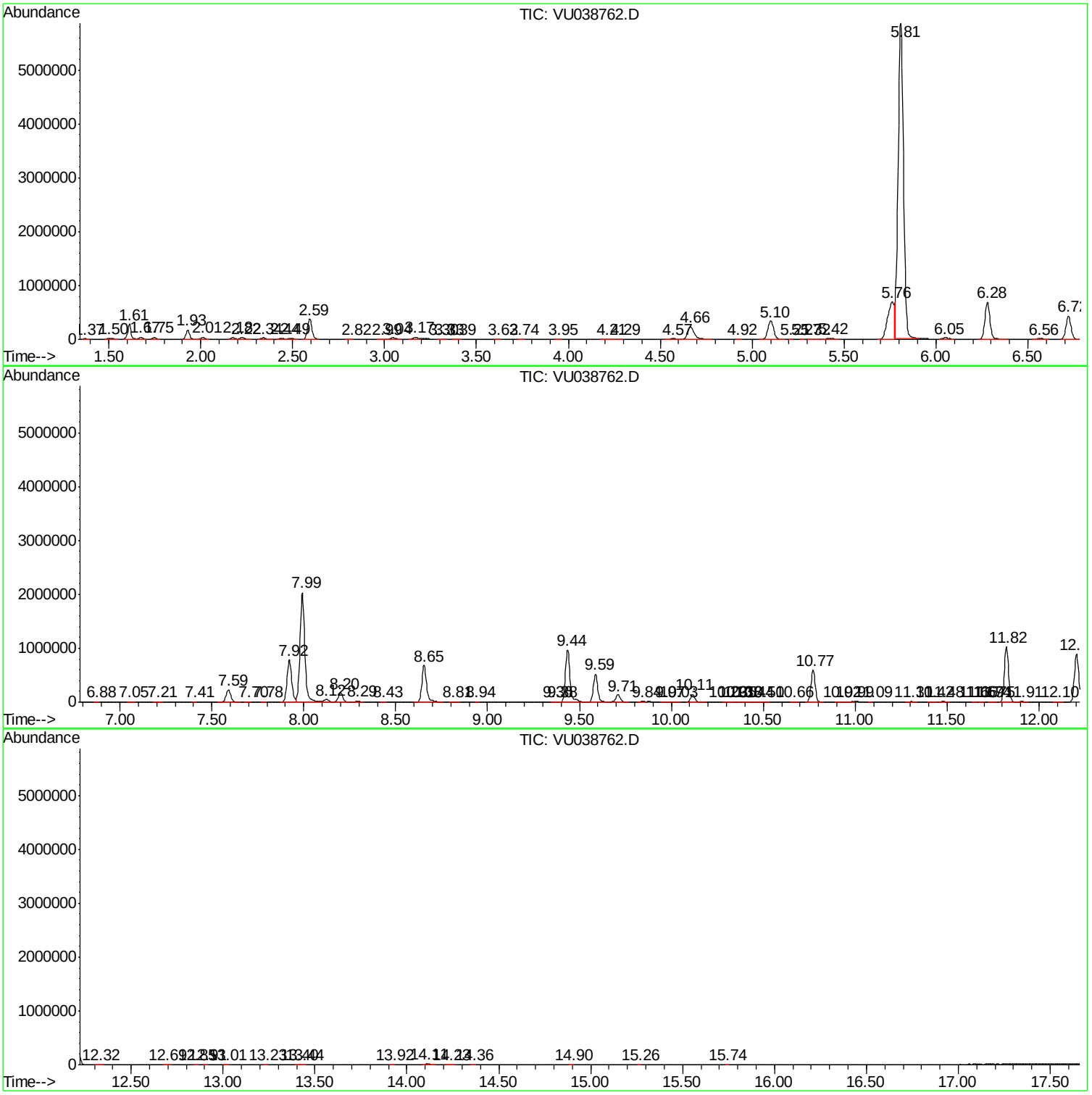
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9E52

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060820WMA.M
Quant Title : VOC Analysis

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



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Quant Title : VOC Analysis

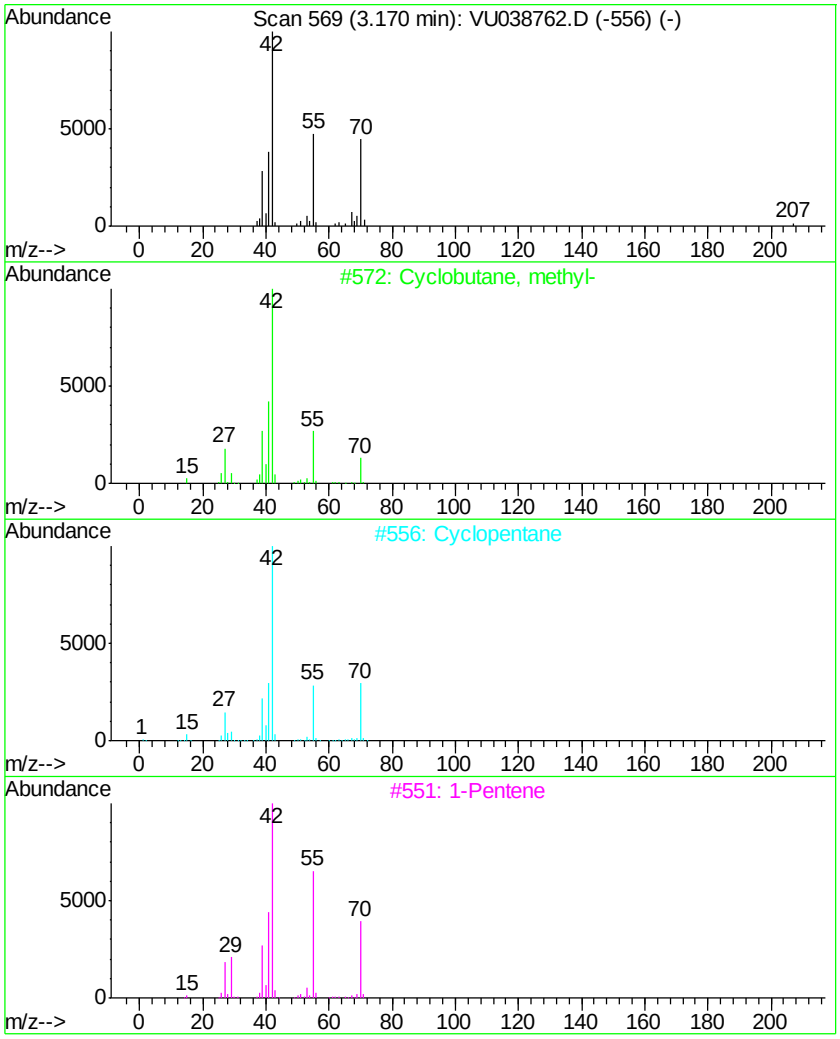
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

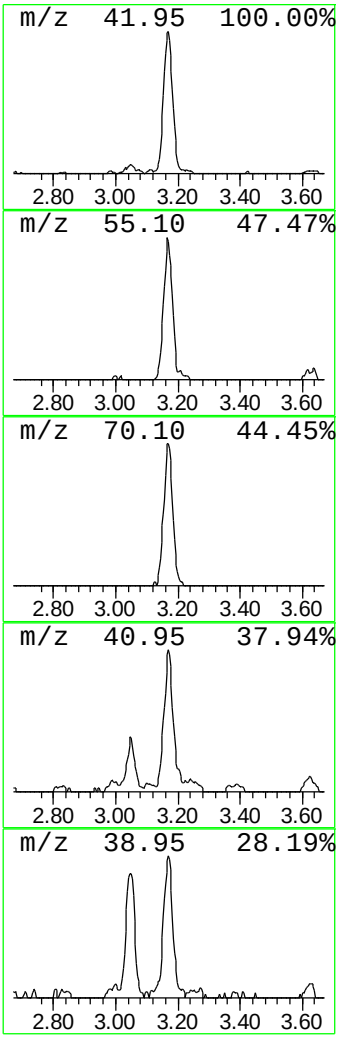
****

Peak Number 1 (DEL) Alkane: Cyclic3.17 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.17	2.58 ug/L	68921	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclobutane, methyl-	70	C5H10	000598-61-8	86
2	Cyclopentane	70	C5H10	000287-92-3	86
3	1-Pentene	70	C5H10	000109-67-1	80
4	1-Pentene	70	C5H10	000109-67-1	64
5	Cyclopentane	70	C5H10	000287-92-3	56





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ClientSampleId : F9E52

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060820WMA.M
Quant Title : VOC Analysis

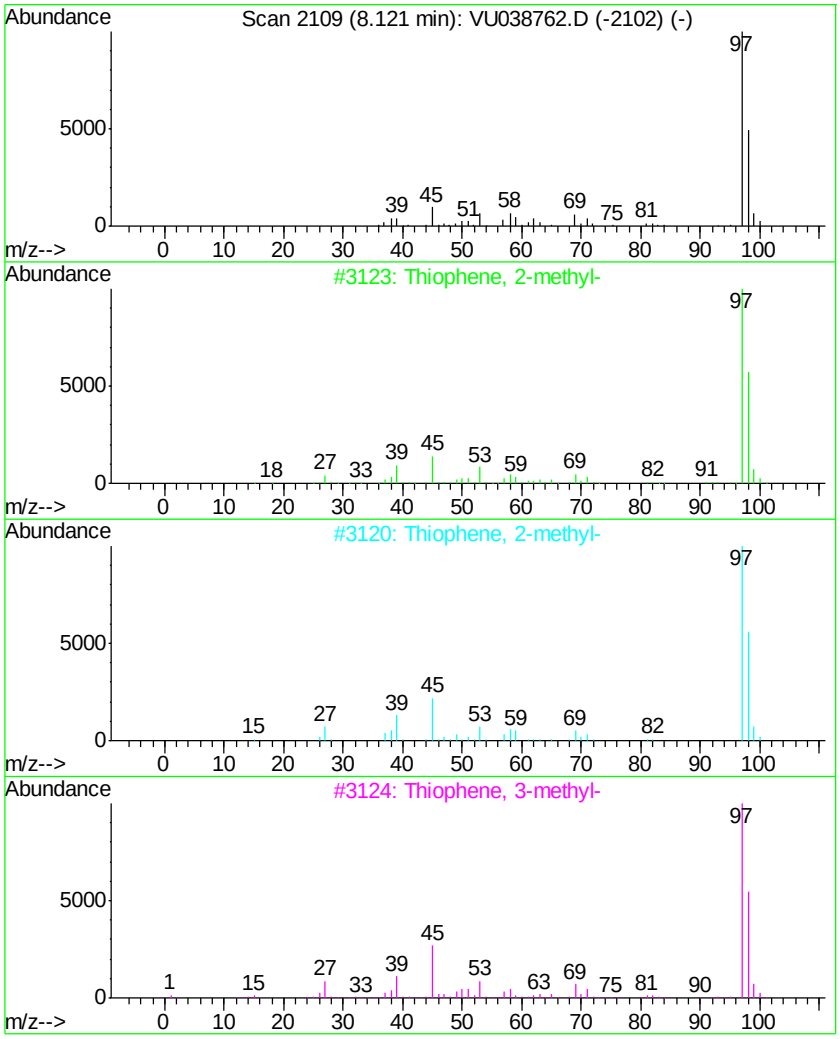
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

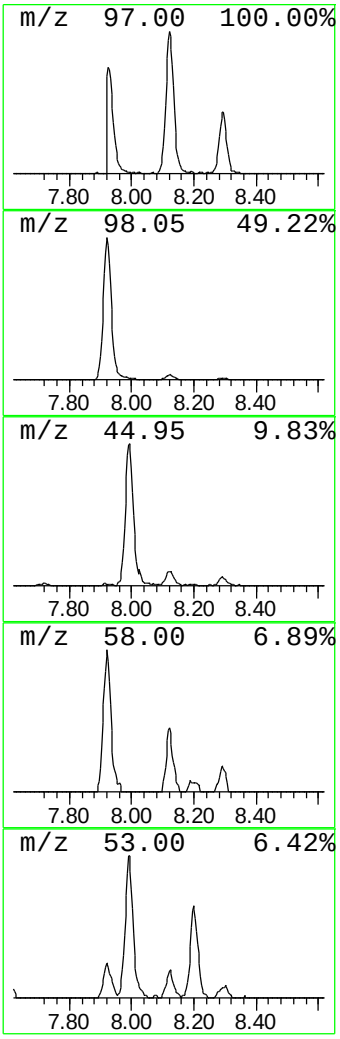
****

Peak Number 3 Thiophene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.12	2.58 ug/L	89483	Chlorobenzene-d5	9.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, 2-methyl-	98	C5H6S	000554-14-3	91
2	Thiophene, 2-methyl-	98	C5H6S	000554-14-3	91
3	Thiophene, 3-methyl-	98	C5H6S	000616-44-4	90
4	Thiophene, 3-methyl-	98	C5H6S	000616-44-4	90
5	Thiophene, 3-methyl-	98	C5H6S	000616-44-4	86





Tentatively Identified Compound (LSC) summary

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Quant Title : VOC Analysis

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Cyc...	3.17	2.6	ug/L	68921	1	6.28	1337410	50.0
Thiophene, 2-methyl-	8.12	2.6	ug/L	89483	2	9.44	1735690	50.0