LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100622\
Data File : VU051179.D
Acq On : 06 Oct 2022 18:07
Operator : JC/MD
Sample : N4893-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F5J06

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\SFAMULM092922WMA.M
Title : VOC Analysis

Signal : TIC: VU051179.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.472	35	41	52	rVB	50770	52051	0.07%	0.056%
2	1.597	72	80	100	rBV	248833	294029	0.37%	0.315%
3	1.903	166	175	195	rVB	190888	262957	0.33%	0.282%
4	2.562	367	380	396	rBV	329417	535802	0.67%	0.574%
5	2.678	414	416	421	rVB3	617	460	0.00%	0.000%
6	2.748	434	438	443	rBV3	472	543	0.00%	0.001%
7	2.784	443	449	457	rVV5	1242	1580	0.00%	0.002%
8	2.842	463	467	472	rBV3	948	974	0.00%	0.001%
9	2.999	513	516	521	rVB2	316	287	0.00%	0.000%
10	3.044	521	530	539	rBV6	2118	3584	0.00%	0.004%
11	3.079	539	541	546	rVB2	471	327	0.00%	0.000%
12	3.105	546	549	552	rBV2	494	351	0.00%	0.000%
13	3.128	553	556	558	rVV2	521	285	0.00%	0.000%
14	3.179	560	572	584	rVV	5045	10244	0.01%	0.011%
15	3.362	610	629	651	rVV	198685	463376	0.58%	0.497%
16	3.501	669	672	677	rVB4	817	647	0.00%	0.001%
17	3.565	683	692	694	rBV4	577	758	0.00%	0.001%
18	3.687	727	730	733	rVV2	410	319	0.00%	0.000%
19	3.777	752	758	765	rVV5	997	1329	0.00%	0.001%
20	3.845	775	779	786	rBV5	674	697	0.00%	0.001%
21	4.054	839	844	854	rVB2	468	682	0.00%	0.001%
22	4.118	861	864	870	rVB3	458	444	0.00%	0.000%
23	4.227	895	898	902	rVB	413	306	0.00%	0.000%
24	4.433	956	962	969	rVB2	925	1390	0.00%	0.001%
25	4.478	969	976	980	rBV2	332	391	0.00%	0.000%
26	4.530	988	992	1002	rVB2	353	590	0.00%	0.001%
27	4.571	1002	1005	1008	rBV	410	290	0.00%	0.000%
28	4.620	1008	1020	1053	rBV	148763	418633	0.53%	0.449%
29	5.060	1140	1157	1183	rBV	299813	660916	0.83%	0.708%
30	5.182	1190	1195	1198	rBV3	587	631	0.00%	0.001%
31	5.234	1209	1211	1215	rVB2	524	293	0.00%	0.000%
32	5.282	1218	1226	1227	rBV4	1068	1179	0.00%	0.001%
33	5.366	1248	1252	1256	rBV2	718	542	0.00%	0.001%
34	5.722	1339	1363	1395	rBV2	601890	1630841	2.05%	1.748%
35	5.938	1420	1430	1432	rBV4	4401	5665	0.01%	0.006%
36	6.047	1453	1464	1468	rVB4	625	917	0.00%	0.001%

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Instrument :
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Integration Parameters: LSCINT.P
Integrator: RTE
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Sampling : 1 Min Area: 0 % of largest Peak
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Stop Thrs : 0 Peak Location: TOP

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Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Title : VOC Analysis

37	6.115	1480	1485	1489	rBV2	719	609	0.00%	0.001%
38	6.247	1511	1526	1547	rBV	502987	956358	1.20%	1.025%
39	6.491	1598	1602	1603	rBV	364	321	0.00%	0.000%
40	6.539	1603	1617	1641	rVV	385296	734395	0.92%	0.787%
41	6.690	1650	1664	1689	rBV	388966	760418	0.96%	0.815%
42	6.845	1709	1712	1715	rVB2	559	349	0.00%	0.000%
43	6.864	1715	1718	1721	rVB3	439	327	0.00%	0.000%
44	7.002	1756	1761	1764	rVB2	365	301	0.00%	0.000%
45	7.060	1775	1779	1782	rBV3	515	495	0.00%	0.001%
46	7.102	1789	1792	1802	rVB3	1110	1358	0.00%	0.001%
47	7.185	1813	1818	1821	rBV4	995	1135	0.00%	0.001%
48	7.288	1844	1850	1853	rBV3	319	303	0.00%	0.000%
49	7.378	1875	1878	1880	rBV2	491	311	0.00%	0.000%
50	7.394	1880	1883	1888	rVV2	336	353	0.00%	0.000%
51	7.443	1894	1898	1904	rVB2	458	367	0.00%	0.000%
52	7.478	1904	1909	1911	rBV2	318	280	0.00%	0.000%
53	7.565	1923	1936	1958	rBV	181014	320302	0.40%	0.343%
54	7.687	1971	1974	1976	rBV4	506	320	0.00%	0.000%
55	7.896	2024	2039	2054	rBV	675256	1164138	1.46%	1.247%
56	7.970	2055	2062	2076	rVB	26085	46214	0.06%	0.050%
57	8.118	2105	2108	2112	rBV2	401	409	0.00%	0.000%
58	8.179	2112	2127	2148	rBV	125593	218569	0.27%	0.234%
59	8.320	2168	2171	2173	rBV3	537	371	0.00%	0.000%
60	8.430	2203	2205	2208	rVB2	504	290	0.00%	0.000%
61	8.558	2226	2245	2260	rBV	47439091	79543068	100.00%	85.234%
62	8.632	2262	2268	2300	rVB3	475288	1102116	1.39%	1.181%
63	9.147	2425	2428	2429	rBV3	467	293	0.00%	0.000%
64	9.417	2498	2512	2540	rBV	771757	1263351	1.59%	1.354%
65	9.629	2576	2578	2581	rVB2	533	292	0.00%	0.000%
66	9.693	2589	2598	2607	rVB4	4200	6111	0.01%	0.007%
67	9.796	2627	2630	2633	rBV3	418	295	0.00%	0.000%
68	9.963	2678	2682	2689	rVB4	740	889	0.00%	0.001%
69	10.008	2689	2696	2699	rBV2	737	995	0.00%	0.001%
70	10.192	2750	2753	2757	rBV2	453	354	0.00%	0.000%
71	10.478	2839	2842	2844	rBV3	486	295	0.00%	0.000%
72	10.529	2856	2858	2863	rBV2	465	427	0.00%	0.000%
73	10.645	2891	2894	2896	rVB	596	292	0.00%	0.000%
74	10.754	2914	2928	2950	rBV	554172	893625	1.12%	0.958%
75	10.877	2961	2966	2968	rBV4	642	628	0.00%	0.001%
76	11.002	3003	3005	3011	rVB	393	298	0.00%	0.000%

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77	11.047	3013	3019	3022	rBV3	496	551	0.00%	0.001%
78	11.188	3060	3063	3067	rVB2	595	366	0.00%	0.000%
79	11.407	3125	3131	3133	rBV3	522	526	0.00%	0.001%
80	11.465	3145	3149	3150	rBV2	645	432	0.00%	0.000%
81	11.526	3163	3168	3173	rBV2	535	550	0.00%	0.001%
82	11.725	3224	3230	3233	rBV	372	465	0.00%	0.000%
83	11.809	3243	3256	3277	rBV	600257	963146	1.21%	1.032%
84	12.008	3315	3318	3320	rBV	592	335	0.00%	0.000%
85	12.060	3331	3334	3341	rVB3	466	531	0.00%	0.001%
86	12.092	3341	3344	3346	rBV2	517	409	0.00%	0.000%
87	12.192	3362	3375	3397	rBV	597661	973879	1.22%	1.044%
88	12.426	3445	3448	3450	rBV	472	286	0.00%	0.000%
89	12.661	3515	3521	3525	rBV3	706	787	0.00%	0.001%
90	12.967	3611	3616	3623	rBV4	334	420	0.00%	0.000%
91	13.063	3640	3646	3647	rBV3	381	392	0.00%	0.000%
92	13.105	3654	3659	3664	rBV2	584	585	0.00%	0.001%
93	13.169	3676	3679	3682	rBV2	576	466	0.00%	0.000%
94	13.291	3713	3717	3721	rBV2	524	488	0.00%	0.001%
95	13.423	3755	3758	3764	rVB4	810	537	0.00%	0.001%
96	13.458	3764	3769	3773	rBV2	492	511	0.00%	0.001%
97	14.047	3949	3952	3955	rBV3	449	307	0.00%	0.000%
98	14.693	4151	4153	4155	rVB2	781	324	0.00%	0.000%
99	14.883	4210	4212	4218	rBV3	498	529	0.00%	0.001%
100	15.227	4317	4319	4321	rBV2	706	378	0.00%	0.000%

Sum of corrected areas: 93323132

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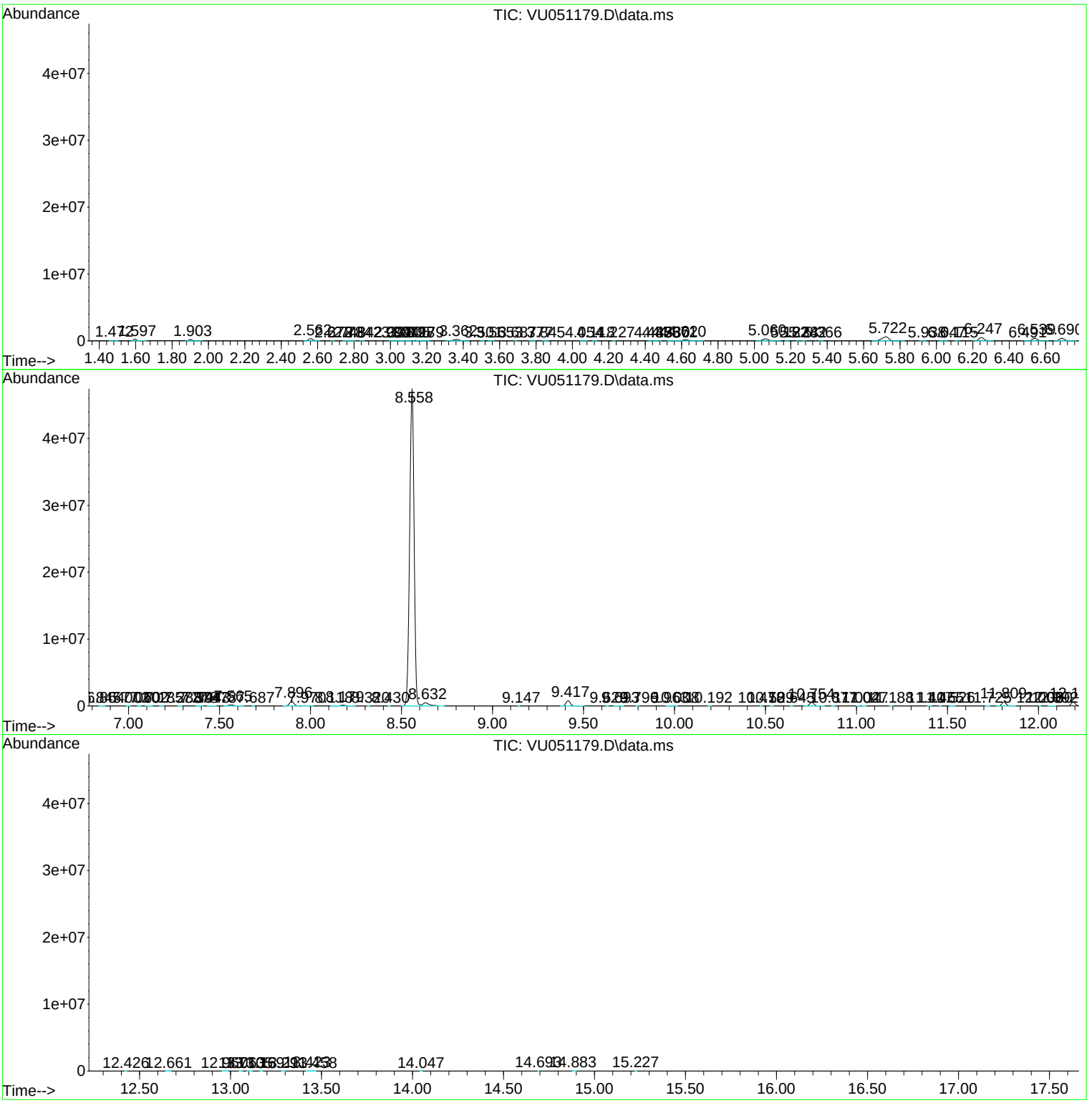
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

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



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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
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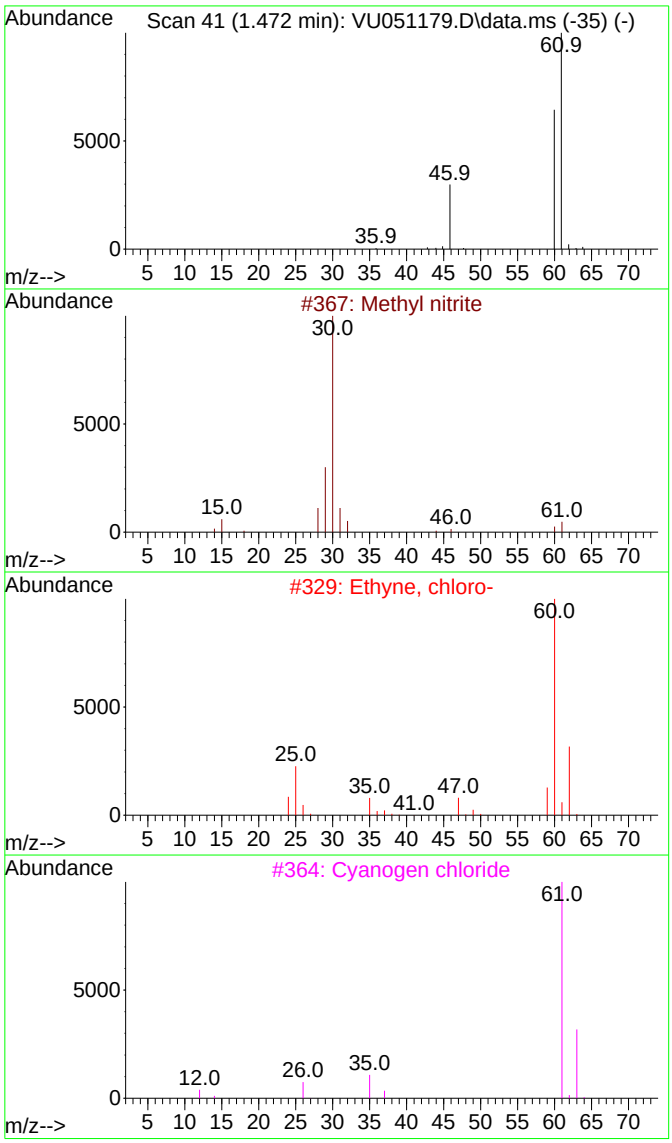
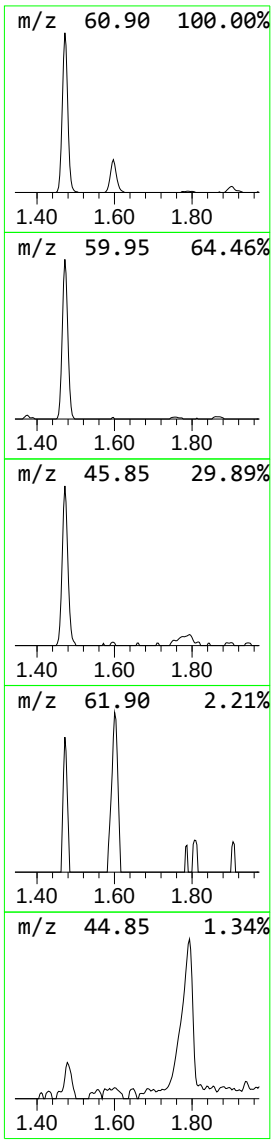
****
Peak Number 1 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.472	2.72 ug/L	52051	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl nitrite	61	CH3NO2	000624-91-9	5
2	Ethyne, chloro-	60	C2HCl	000593-63-5	5
3	Cyanogen chloride	61	CClN	000506-77-4	5
4	o-Ethylhydroxylamine	61	C2H7NO	000624-86-2	4
5	Thiirane	60	C2H4S	000420-12-2	4





Tentatively Identified Compound (LSC) summary

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Quant Title : VOC Analysis

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown-01	1.472	2.7	ug/L	52051	1	6.247	956358	50.0