

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101221\
 Data File : VV022745.D
 Acq On : 12 Oct 2021 11:33
 Operator : SY/MD
 Sample : VV1012WBL01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK262

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\SFAMVLM100121WMA.M
 Title : VOC Analysis

Signal : TIC: VV022745.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.307	76	83	95	rVB	97763	99424	15.72%	1.871%
2	1.568	157	164	177	rVB	82695	92537	14.63%	1.742%
3	2.108	322	332	356	rBV	164685	249244	39.42%	4.691%
4	2.507	449	456	464	rBV4	2212	3042	0.48%	0.057%
5	2.770	533	538	542	rVB4	684	703	0.11%	0.013%
6	2.867	567	568	569	rBV4	139	38	0.01%	0.001%
7	2.876	569	571	574	rBV	285	193	0.03%	0.004%
8	2.998	605	609	611	rBV3	446	316	0.05%	0.006%
9	3.066	628	630	633	rBV2	253	172	0.03%	0.003%
10	3.156	652	658	660	rBV3	284	305	0.05%	0.006%
11	3.269	692	693	695	rBV3	103	55	0.01%	0.001%
12	3.301	700	703	705	rBV3	359	270	0.04%	0.005%
13	3.532	772	775	777	rBV2	207	143	0.02%	0.003%
14	3.568	781	786	787	rBV2	316	170	0.03%	0.003%
15	3.587	787	792	796	rBV	263	296	0.05%	0.006%
16	3.654	810	813	816	rBV	256	238	0.04%	0.004%
17	3.892	877	887	921	rBV	38114	134442	21.26%	2.531%
18	4.346	1013	1028	1052	rBV2	106866	257635	40.74%	4.849%
19	4.725	1142	1146	1147	rBV	254	162	0.03%	0.003%
20	4.854	1182	1186	1189	rBV2	305	283	0.04%	0.005%
21	5.043	1229	1245	1275	rBV2	247061	632316	100.00%	11.902%
22	5.458	1371	1374	1375	rBV2	376	195	0.03%	0.004%
23	5.616	1411	1423	1450	rBV	253221	516598	81.70%	9.724%
24	5.905	1501	1513	1538	rBV3	20795	46255	7.32%	0.871%
25	6.069	1550	1564	1589	rBV	140155	286787	45.36%	5.398%
26	6.220	1609	1611	1614	rBV	510	340	0.05%	0.006%
27	6.503	1695	1699	1702	rBV	318	207	0.03%	0.004%
28	6.522	1702	1705	1708	rBV	282	182	0.03%	0.003%
29	6.587	1723	1725	1726	rBV	156	46	0.01%	0.001%
30	6.596	1726	1728	1730	rBV	338	149	0.02%	0.003%
31	6.722	1765	1767	1772	rBV2	315	250	0.04%	0.005%
32	6.783	1785	1786	1788	rBV2	215	62	0.01%	0.001%
33	6.854	1806	1808	1811	rVB2	189	122	0.02%	0.002%
34	6.873	1811	1814	1816	rBV	293	171	0.03%	0.003%
35	6.944	1832	1836	1839	rBV2	304	288	0.05%	0.005%
36	6.985	1839	1849	1869	rBV	73966	135346	21.40%	2.548%

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Integrator: RTE

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Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100121WMA.M
 Title : VOC Analysis

37	7.178	1907	1909	1912	rBV2	265	146	0.02%	0.003%
38	7.220	1919	1922	1926	rBV2	458	451	0.07%	0.008%
39	7.243	1926	1929	1931	rVV	475	255	0.04%	0.005%
40	7.317	1940	1952	1972	rBV	282858	497264	78.64%	9.360%
41	7.622	2038	2047	2073	rVB	51968	89931	14.22%	1.693%
42	7.973	2154	2156	2158	rBV	323	132	0.02%	0.002%
43	7.995	2161	2163	2165	rVB	442	147	0.02%	0.003%
44	8.037	2174	2176	2178	rBV	284	136	0.02%	0.003%
45	8.091	2183	2193	2224	rBV2	131230	276418	43.72%	5.203%
46	8.593	2345	2349	2350	rBV	404	239	0.04%	0.004%
47	8.735	2391	2393	2394	rBV	284	102	0.02%	0.002%
48	8.854	2418	2430	2452	rBV	379915	628163	99.34%	11.824%
49	9.114	2508	2511	2514	rBV2	378	266	0.04%	0.005%
50	9.214	2540	2542	2545	rBV2	346	141	0.02%	0.003%
51	9.310	2567	2572	2578	rBV2	214	297	0.05%	0.006%
52	9.352	2582	2585	2586	rBV2	308	192	0.03%	0.004%
53	9.455	2616	2617	2623	rBV2	189	191	0.03%	0.004%
54	9.603	2659	2663	2666	rVB3	301	220	0.03%	0.004%
55	9.667	2681	2683	2686	rVB	283	151	0.02%	0.003%
56	9.690	2687	2690	2691	rBV	237	117	0.02%	0.002%
57	9.789	2719	2721	2725	rBV	237	125	0.02%	0.002%
58	9.911	2757	2759	2763	rVB2	187	131	0.02%	0.002%
59	9.934	2763	2766	2767	rBV	333	204	0.03%	0.004%
60	10.124	2822	2825	2835	rVB5	1310	1731	0.27%	0.033%
61	10.217	2843	2854	2873	rBV	163986	259212	40.99%	4.879%
62	10.320	2883	2886	2894	rBV3	511	581	0.09%	0.011%
63	10.355	2895	2897	2902	rVV2	318	202	0.03%	0.004%
64	10.644	2982	2987	2990	rBV2	379	345	0.05%	0.006%
65	10.808	3037	3038	3039	rBV2	225	68	0.01%	0.001%
66	10.921	3067	3073	3082	rVB6	1449	2328	0.37%	0.044%
67	11.188	3153	3156	3163	rBV4	951	964	0.15%	0.018%
68	11.249	3163	3175	3202	rVV	384146	598999	94.73%	11.275%
69	11.423	3225	3229	3235	rBV4	902	1099	0.17%	0.021%
70	11.625	3280	3292	3309	rBV	297064	469027	74.18%	8.828%
71	11.873	3367	3369	3375	rBV3	269	304	0.05%	0.006%
72	11.902	3375	3378	3384	rVB2	333	310	0.05%	0.006%
73	11.934	3384	3388	3392	rBV3	423	443	0.07%	0.008%
74	11.982	3397	3403	3406	rBV3	620	591	0.09%	0.011%
75	12.169	3459	3461	3470	rVB2	386	264	0.04%	0.005%
76	12.599	3593	3595	3599	rVB3	616	380	0.06%	0.007%

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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\SFAMVLM100121WMA.M
Title : VOC Analysis

77	12.873	3678	3680	3683	rBV2	271	160	0.03%	0.003%
78	13.239	3789	3794	3796	rBV2	496	399	0.06%	0.008%
79	13.268	3796	3803	3811	rVB5	2797	3996	0.63%	0.075%
80	13.509	3871	3878	3891	rVB2	7941	11842	1.87%	0.223%
81	13.744	3944	3951	3960	rBV7	3294	5081	0.80%	0.096%

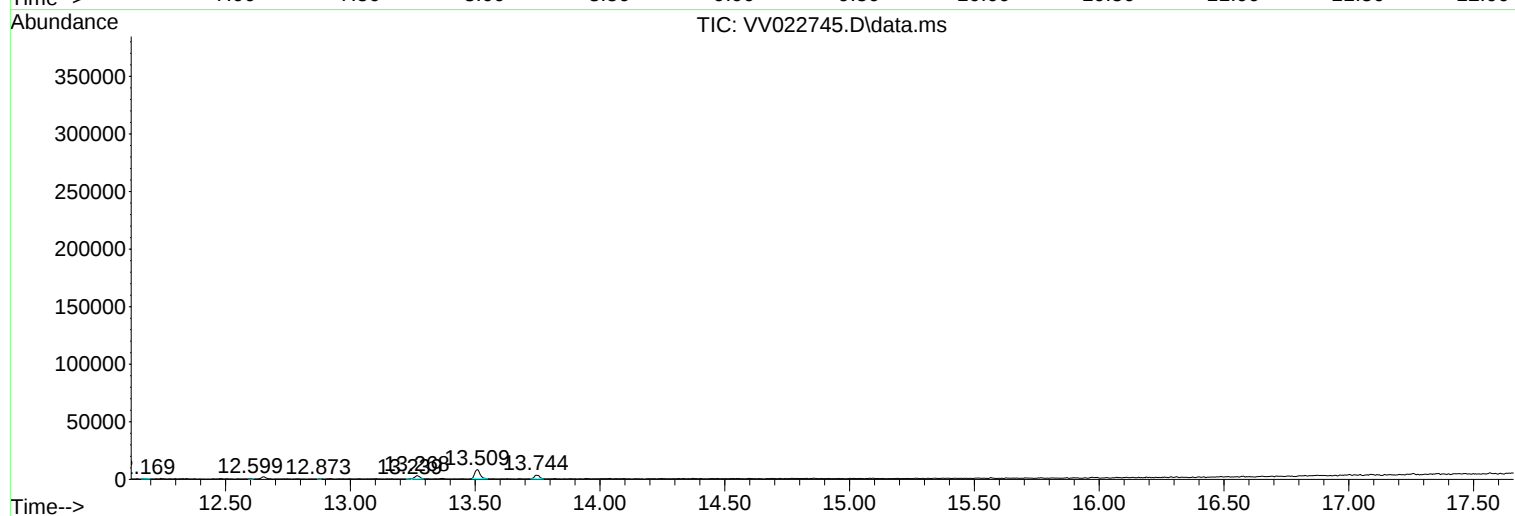
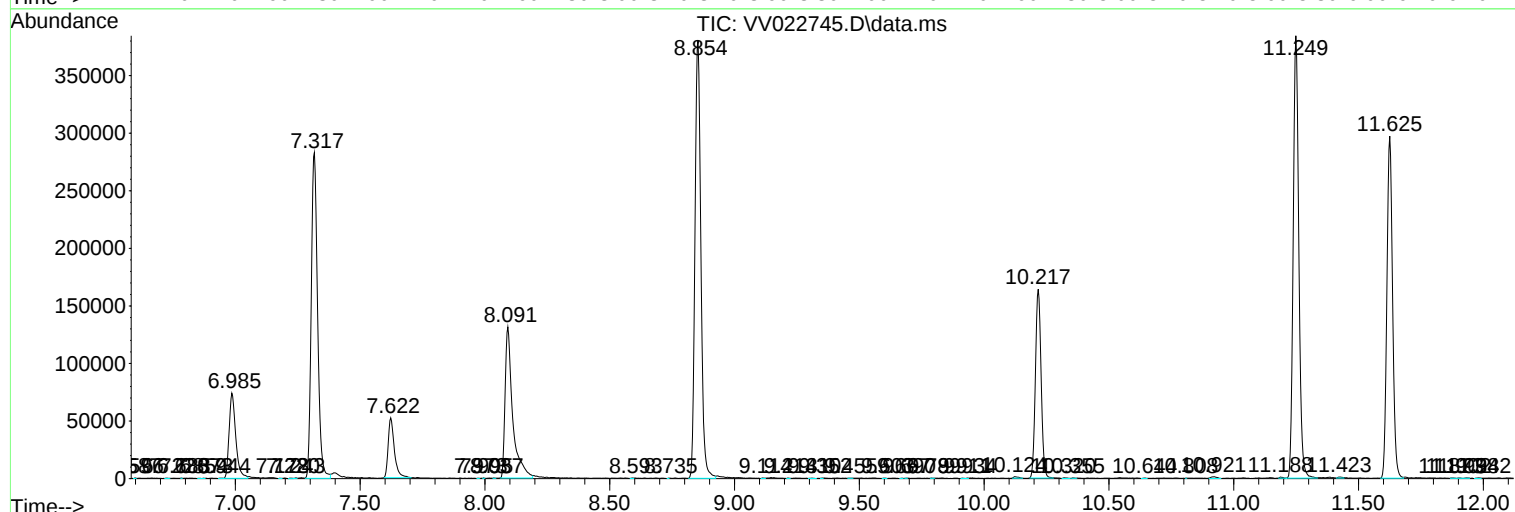
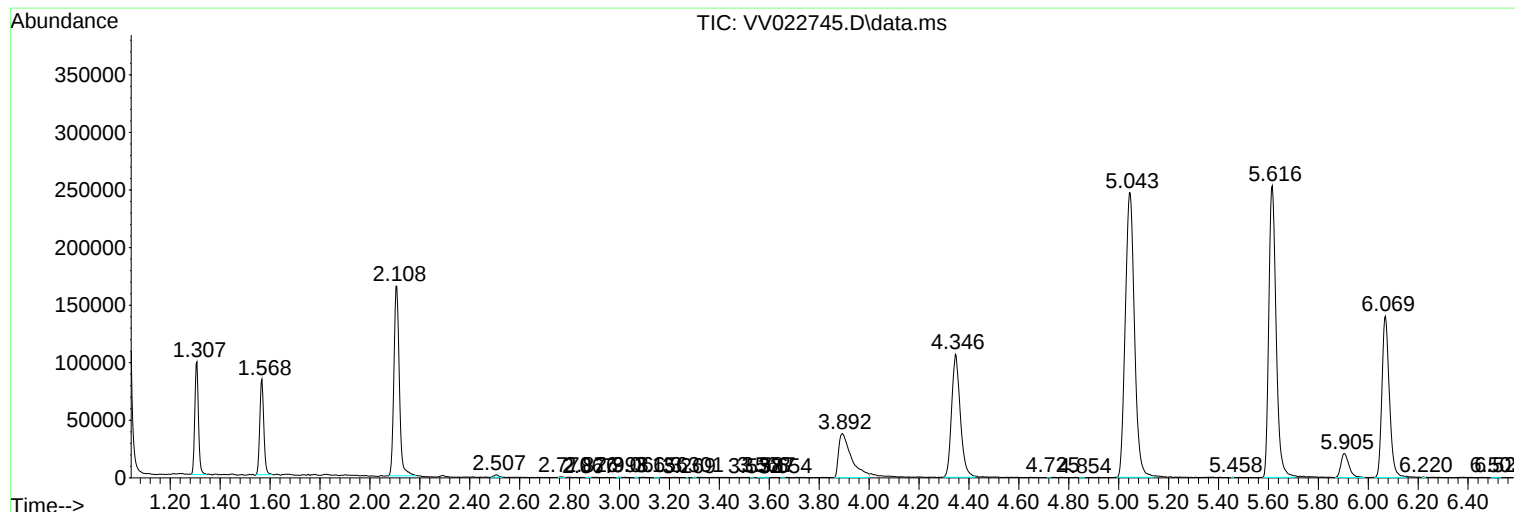
Sum of corrected areas: 5312727

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100121WMA.M
Quant Title : VOC Analysis

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



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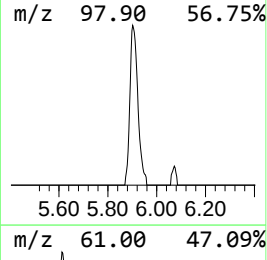
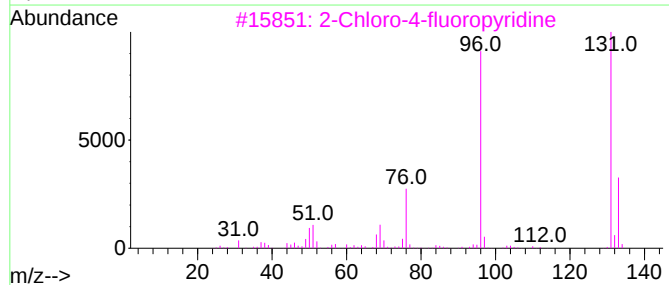
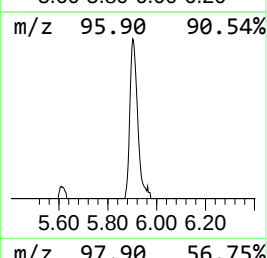
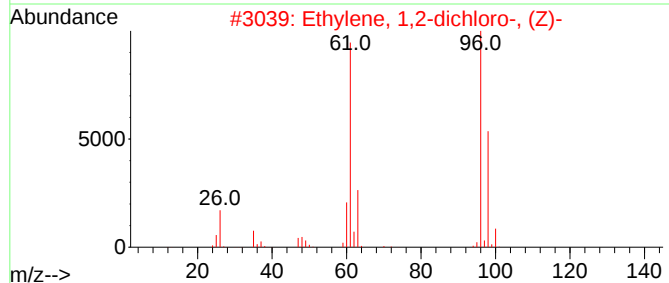
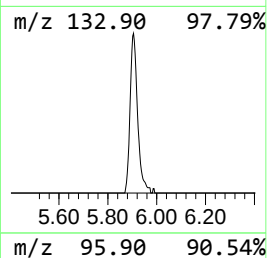
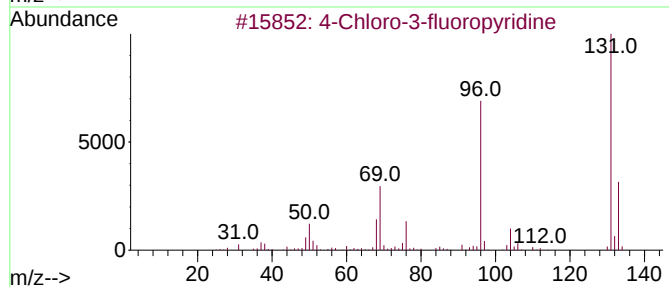
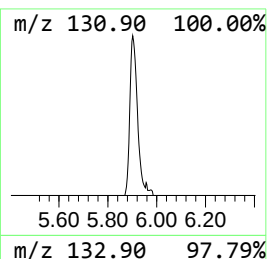
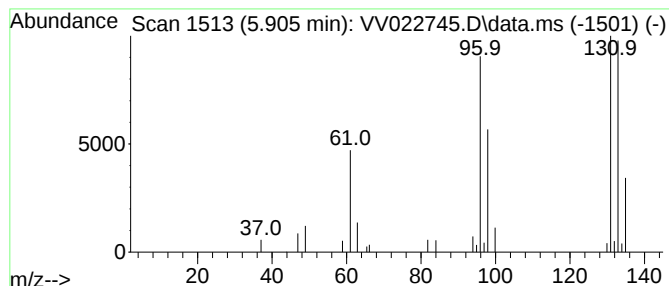
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TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.905	4.48 ug/L	46255	1,4-Difluorobenzene	5.616

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-Chloro-3-fluoropyridine	131	C5H3ClFN	002546-56-7	38
2			Ethylene, 1,2-dichloro-, (Z)-	96	C2H2Cl2	000156-59-2	35
3			2-Chloro-4-fluoropyridine	131	C5H3ClFN	1000484-44-8	32
4			Dihydro-4,5-dichloro-2(3H)furanone	154	C4H4Cl2O2	114434-99-0	25
5			2-Chloro-5-methylthiazole	133	C4H4ClNS	033342-65-3	12



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TIC Library : C:\Database\NIST0.L
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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown-01	5.905	4.5	ug/L	46255	1	5.616	516598	50.0