LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101221\
Data File : VV022747.D
Acq On : 12 Oct 2021 12:36
Operator : SY/MD
Sample : M4126-17
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AC7

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: VV022747.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.304	76	82	94	rVB	97727	99468	15.03%	2.072%
2	1.568	157	164	174	rVB	82758	92439	13.97%	1.925%
3	2.108	321	332	355	rBV	170310	259619	39.23%	5.407%
4	2.359	385	410	411	rBV2	7398	19164	2.90%	0.399%
5	2.667	503	506	508	rBV3	389	190	0.03%	0.004%
6	3.053	623	626	631	rVB2	325	173	0.03%	0.004%
7	3.429	740	743	747	rBV2	259	202	0.03%	0.004%
8	3.455	748	751	754	rVB2	289	125	0.02%	0.003%
9	3.545	776	779	781	rBV2	194	154	0.02%	0.003%
10	3.693	823	825	828	rVB	299	130	0.02%	0.003%
11	3.728	832	836	841	rBV2	201	202	0.03%	0.004%
12	3.838	864	870	871	rBV2	196	158	0.02%	0.003%
13	3.892	876	887	922	rBV2	49419	165245	24.97%	3.442%
14	4.349	1014	1029	1052	rBV2	107738	268355	40.55%	5.589%
15	4.519	1079	1082	1085	rVB	375	261	0.04%	0.005%
16	4.535	1085	1087	1088	rBV	354	127	0.02%	0.003%
17	4.577	1099	1100	1104	rBV2	336	252	0.04%	0.005%
18	4.597	1104	1106	1108	rVV2	368	158	0.02%	0.003%
19	4.815	1168	1174	1178	rBV2	231	236	0.04%	0.005%
20	5.047	1230	1246	1278	rBV2	256204	661821	100.00%	13.784%
21	5.294	1320	1323	1326	rBV3	354	302	0.05%	0.006%
22	5.378	1345	1349	1352	rBV2	275	181	0.03%	0.004%
23	5.490	1378	1384	1387	rBV2	246	359	0.05%	0.007%
24	5.619	1412	1424	1446	rBV2	161474	324319	49.00%	6.755%
25	5.905	1501	1513	1532	rBV2	28546	61628	9.31%	1.284%
26	6.002	1541	1543	1546	rVB2	345	134	0.02%	0.003%
27	6.072	1550	1565	1588	rBV	146076	301546	45.56%	6.281%
28	6.198	1603	1604	1605	rBV	419	141	0.02%	0.003%
29	6.359	1652	1654	1658	rVV2	295	160	0.02%	0.003%
30	6.394	1661	1665	1666	rBV	219	150	0.02%	0.003%
31	6.410	1668	1670	1674	rVB2	274	173	0.03%	0.004%
32	6.449	1679	1682	1686	rVB2	305	237	0.04%	0.005%
33	6.494	1693	1696	1698	rBV2	215	159	0.02%	0.003%
34	6.561	1715	1717	1720	rBV2	340	244	0.04%	0.005%
35	6.715	1762	1765	1769	rBV2	303	249	0.04%	0.005%
36	6.732	1769	1770	1775	rVV	248	132	0.02%	0.003%

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ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
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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_V\Method\SFAMVLM100121WMA.M
Title : VOC Analysis

37	6.777	1781	1784	1785	rBV	263	148	0.02%	0.003%
38	6.863	1809	1811	1813	rVB	380	152	0.02%	0.003%
39	6.905	1822	1824	1828	rVB2	264	127	0.02%	0.003%
40	6.989	1837	1850	1871	rBV	76374	141720	21.41%	2.952%
41	7.317	1937	1952	1971	rBV	289750	514233	77.70%	10.710%
42	7.625	2038	2048	2068	rVV	51628	91889	13.88%	1.914%
43	7.738	2081	2083	2087	rBV2	601	456	0.07%	0.009%
44	7.799	2101	2102	2106	rBV	226	135	0.02%	0.003%
45	7.876	2121	2126	2127	rBV2	372	324	0.05%	0.007%
46	8.008	2165	2167	2168	rBV	325	146	0.02%	0.003%
47	8.092	2184	2193	2228	rBV2	129269	293323	44.32%	6.109%
48	8.365	2276	2278	2280	rBV	346	183	0.03%	0.004%
49	8.436	2298	2300	2303	rBV	258	146	0.02%	0.003%
50	8.477	2309	2313	2318	rBV2	431	414	0.06%	0.009%
51	8.519	2323	2326	2329	rBV2	298	182	0.03%	0.004%
52	8.600	2349	2351	2354	rVB2	328	134	0.02%	0.003%
53	8.619	2354	2357	2358	rBV2	268	136	0.02%	0.003%
54	8.722	2384	2389	2391	rBV2	200	162	0.02%	0.003%
55	8.735	2391	2393	2396	rBV	394	160	0.02%	0.003%
56	8.783	2405	2408	2411	rBV2	270	165	0.02%	0.003%
57	8.854	2418	2430	2451	rBV	247046	400971	60.59%	8.351%
58	9.140	2516	2519	2520	rBV2	253	138	0.02%	0.003%
59	9.149	2520	2522	2530	rVB2	604	422	0.06%	0.009%
60	9.198	2535	2537	2540	rBV	196	155	0.02%	0.003%
61	9.262	2555	2557	2560	rBV	214	155	0.02%	0.003%
62	9.510	2630	2634	2638	rBV2	301	349	0.05%	0.007%
63	9.667	2680	2683	2684	rBV	370	177	0.03%	0.004%
64	9.702	2690	2694	2695	rBV	392	215	0.03%	0.004%
65	9.764	2708	2713	2716	rBV2	219	195	0.03%	0.004%
66	9.889	2746	2752	2757	rVB2	360	399	0.06%	0.008%
67	9.915	2757	2760	2762	rBV	195	156	0.02%	0.003%
68	10.027	2791	2795	2798	rBV2	228	167	0.03%	0.003%
69	10.124	2818	2825	2833	rBV4	1438	2088	0.32%	0.043%
70	10.172	2836	2840	2843	rBV2	331	245	0.04%	0.005%
71	10.217	2843	2854	2875	rBV	163505	259234	39.17%	5.399%
72	10.336	2888	2891	2895	rBV	212	141	0.02%	0.003%
73	10.384	2902	2906	2914	rVB3	1122	1197	0.18%	0.025%
74	10.481	2934	2936	2942	rVB	375	217	0.03%	0.005%
75	10.516	2942	2947	2952	rBV3	348	371	0.06%	0.008%
76	10.545	2952	2956	2959	rBV2	195	175	0.03%	0.004%

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ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AC7

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

77	10.764	3021	3024	3026	rBV	264	141	0.02%	0.003%
78	10.873	3055	3058	3062	rVB2	247	135	0.02%	0.003%
79	10.905	3065	3068	3070	rVV	480	319	0.05%	0.007%
80	10.921	3070	3073	3079	rVV4	1055	952	0.14%	0.020%
81	10.947	3079	3081	3084	rVB	311	139	0.02%	0.003%
82	11.066	3114	3118	3119	rBV	212	157	0.02%	0.003%
83	11.146	3140	3143	3149	rVB3	614	443	0.07%	0.009%
84	11.249	3165	3175	3197	rVV	234963	362212	54.73%	7.544%
85	11.535	3261	3264	3275	rVB6	1017	1324	0.20%	0.028%
86	11.625	3279	3292	3308	rBV	289118	461635	69.75%	9.615%
87	11.786	3340	3342	3346	rBV3	389	341	0.05%	0.007%
88	11.879	3368	3371	3373	rBV2	413	255	0.04%	0.005%
89	11.969	3396	3399	3401	rBV	237	164	0.02%	0.003%
90	12.014	3410	3413	3414	rBV	303	194	0.03%	0.004%
91	12.596	3592	3594	3596	rBV2	271	152	0.02%	0.003%
92	12.648	3607	3610	3611	rBV	217	147	0.02%	0.003%
93	12.915	3689	3693	3699	rBV2	229	284	0.04%	0.006%
94	13.120	3752	3757	3760	rBV2	182	211	0.03%	0.004%
95	13.178	3772	3775	3776	rBV	361	202	0.03%	0.004%
96	13.506	3874	3877	3879	rBV2	770	560	0.08%	0.012%
97	13.683	3930	3932	3934	rBV	256	141	0.02%	0.003%
98	13.853	3983	3985	3986	rBV	310	151	0.02%	0.003%
99	14.400	4151	4155	4161	rBV3	655	708	0.11%	0.015%
100	14.972	4331	4333	4334	rBV3	435	146	0.02%	0.003%

Sum of corrected areas: 4801208

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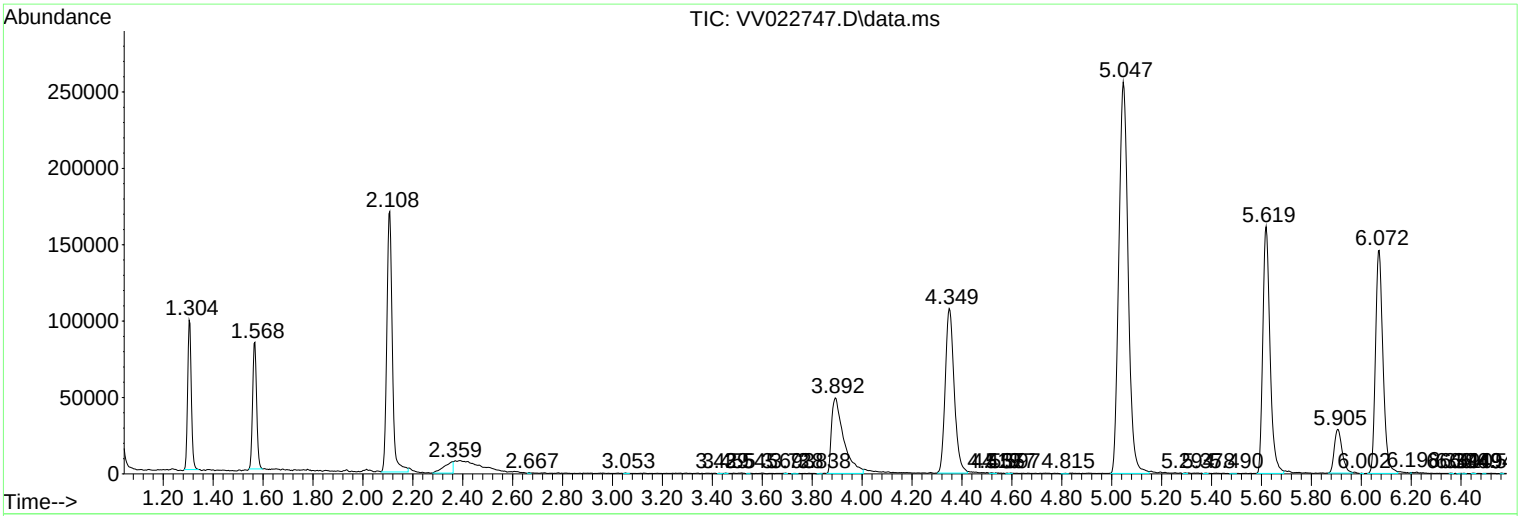
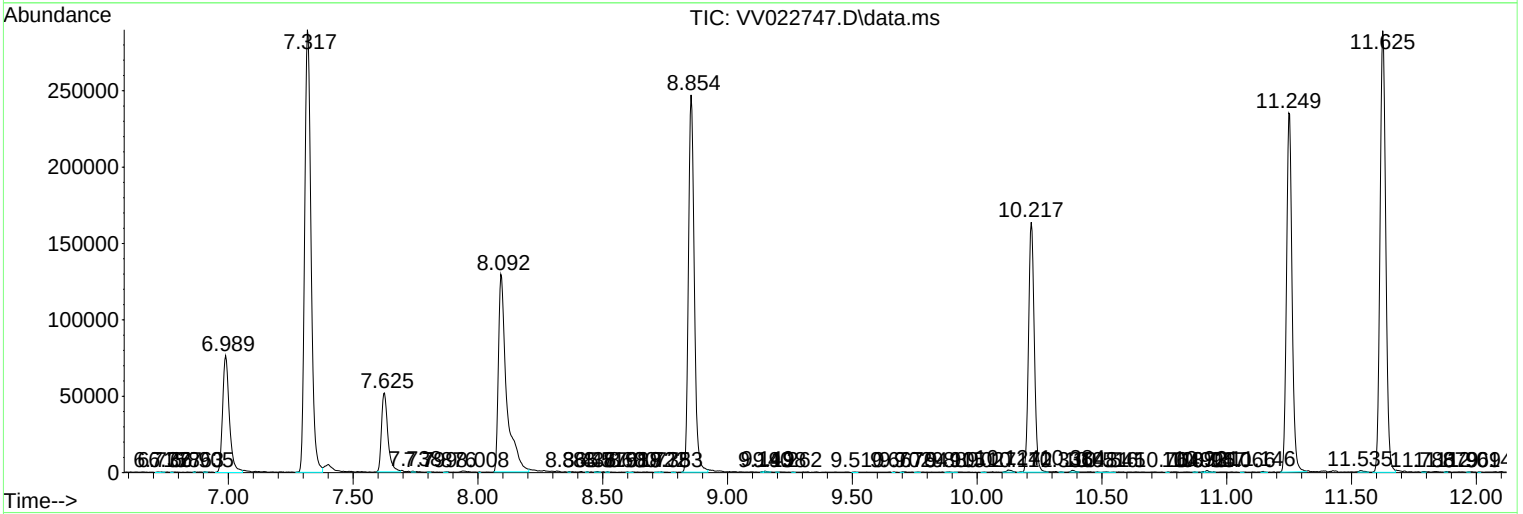
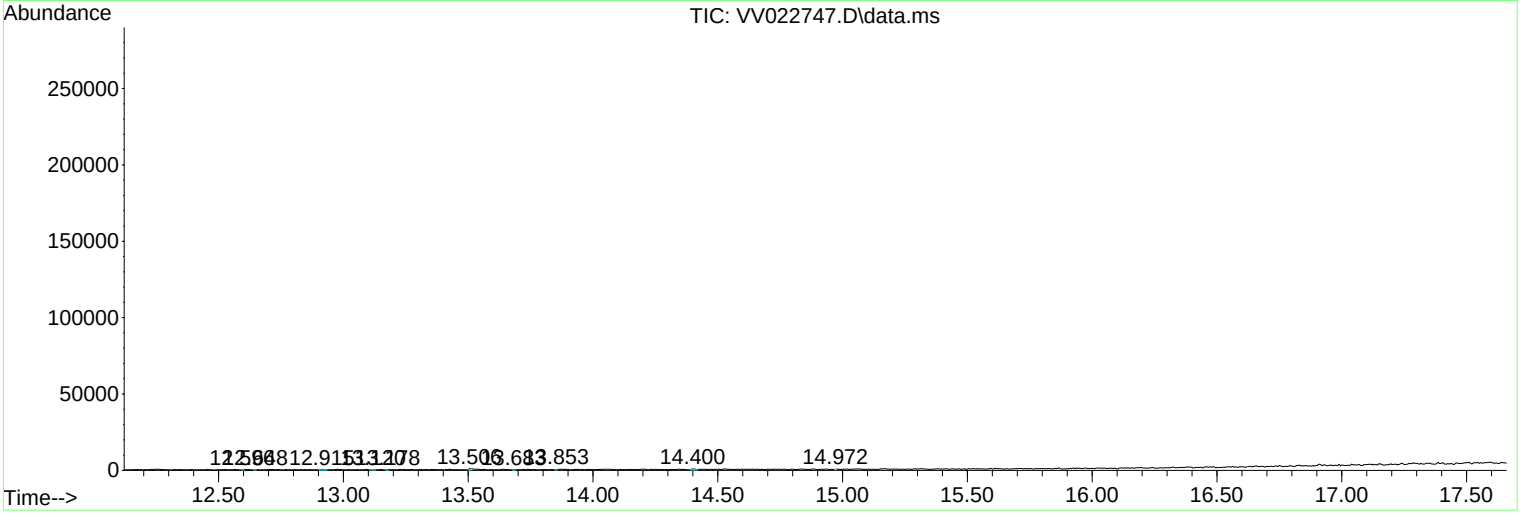
Instrument :
MSVOA_V
ClientSampleId :
C0AC7

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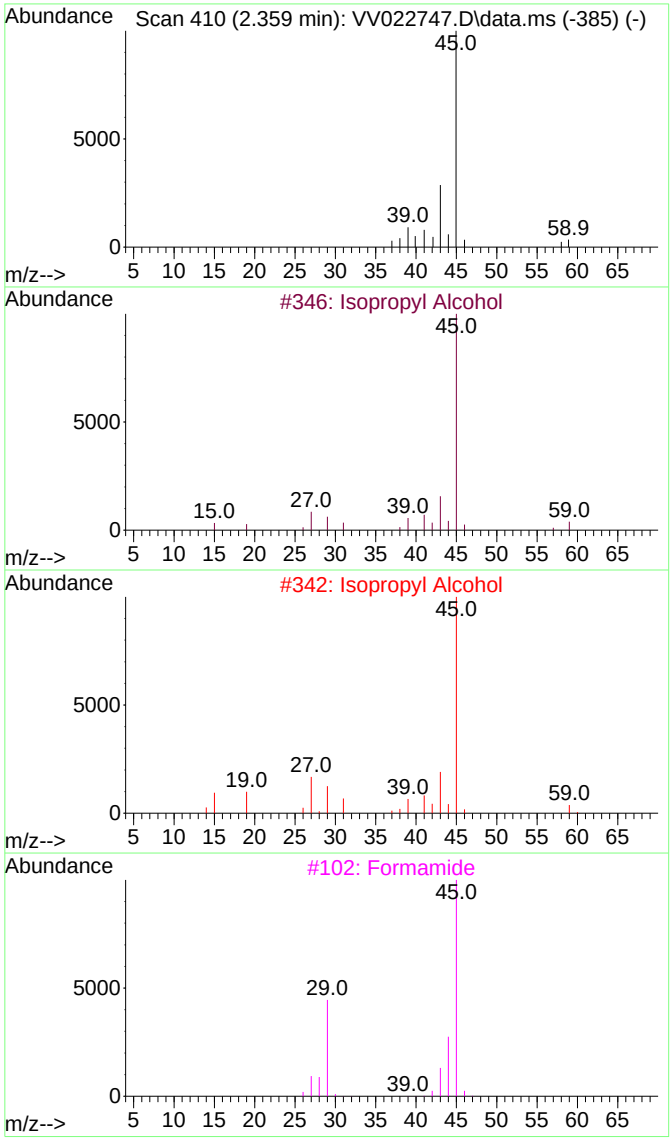
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

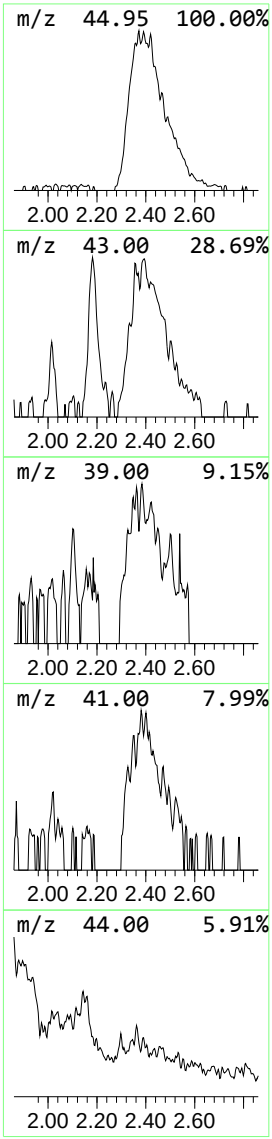
****

Peak Number 1 Isopropyl Alcohol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.359	2.95 ug/L	19164	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	64
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	43
3	Formamide	45	CH3NO	000075-12-7	5
4	Oxirane, (methoxymethyl)-	88	C4H8O2	000930-37-0	4
5	2,3-Butanediol	90	C4H10O2	000513-85-9	4





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Quant Title : VOC Analysis

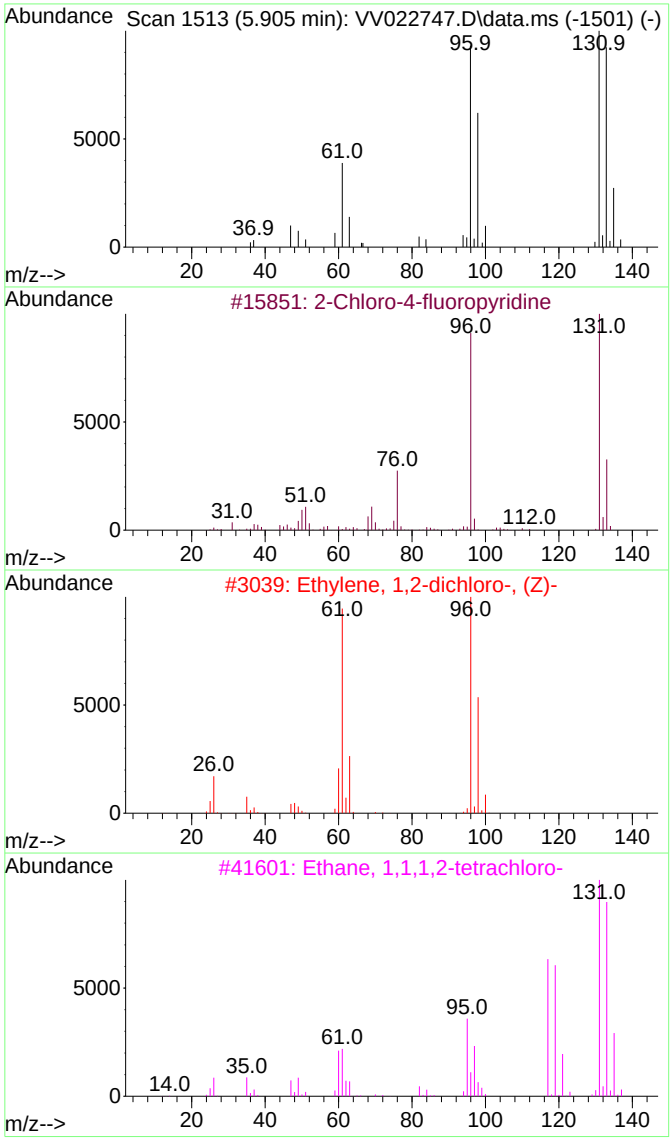
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

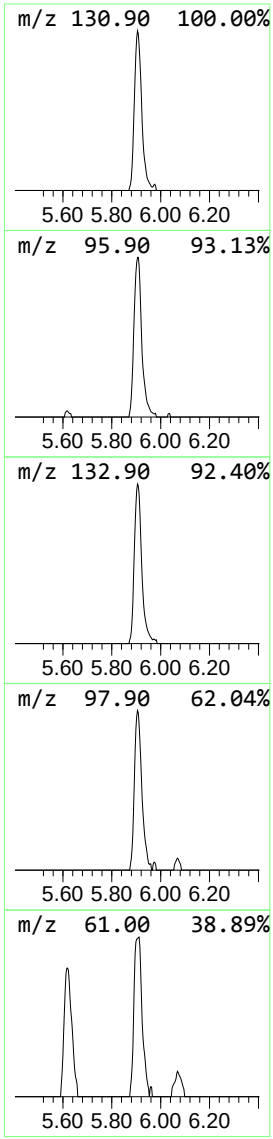
****

Peak Number 2 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.905	9.50 ug/L	61628	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Chloro-4-fluoropyridine	131	C5H3ClFN	1000484-44-8	38
2	Ethylene, 1,2-dichloro-, (Z)-	96	C2H2Cl2	000156-59-2	38
3	Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	37
4	Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	37
5	Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	37





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
Isopropyl Alcohol	2.359	3.0	ug/L	19164	1	5.619	324319	50.0
unknown-01	5.905	9.5	ug/L	61628	1	5.619	324319	50.0