LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121718\
Data File : VV008998.D
Acq On : 17 Dec 2018 22:53
Operator : SY/MD
Sample : J6422-01
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0LC5

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\SOMVLM121318WMA.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	1.319	66	71	92	rVB	82923	93242	13.29%	1.730%
2	1.566	141	148	161	rVB	61573	74060	10.56%	1.374%
3	2.129	313	323	336	rBV	198894	283191	40.38%	5.253%
4	2.315	371	381	403	rBV	15792	36318	5.18%	0.674%
5	2.656	473	487	507	rBV	18106	39850	5.68%	0.739%
6	2.769	519	522	524	rBV	187	131	0.02%	0.002%
7	2.855	545	549	551	rBV2	226	194	0.03%	0.004%
8	2.920	567	569	573	rVB	188	81	0.01%	0.002%
9	3.132	633	635	636	rBV	124	30	0.00%	0.001%
10	3.219	660	662	664	rVB	112	62	0.01%	0.001%
11	3.251	668	672	676	rVB	236	176	0.03%	0.003%
12	3.280	676	681	684	rBV2	241	211	0.03%	0.004%
13	3.296	684	686	688	rVB	135	34	0.00%	0.001%
14	3.392	712	716	719	rBV2	189	158	0.02%	0.003%
15	3.447	730	733	737	rBV2	228	173	0.02%	0.003%
16	3.614	782	785	788	rBV2	240	199	0.03%	0.004%
17	3.701	810	812	815	rBV	175	136	0.02%	0.003%
18	3.756	827	829	832	rVB	179	67	0.01%	0.001%
19	3.801	840	843	845	rBV	172	145	0.02%	0.003%
20	3.881	865	868	871	rVB2	248	184	0.03%	0.003%
21	3.933	871	884	925	rBV2	54423	166042	23.67%	3.080%
22	4.286	991	994	1001	rBV3	360	595	0.08%	0.011%
23	4.405	1013	1031	1064	rBV	113908	280833	40.04%	5.209%
24	4.659	1107	1110	1116	rBV2	159	141	0.02%	0.003%
25	4.730	1129	1132	1134	rBV	256	180	0.03%	0.003%
26	4.781	1141	1148	1151	rBV2	288	286	0.04%	0.005%
27	4.942	1195	1198	1201	rBV	276	217	0.03%	0.004%
28	4.974	1206	1208	1209	rBV	206	83	0.01%	0.002%
29	5.016	1217	1221	1228	rBV	219	356	0.05%	0.007%
30	5.100	1228	1247	1274	rBV2	276225	701372	100.00%	13.010%
31	5.309	1309	1312	1313	rBV2	157	101	0.01%	0.002%
32	5.357	1324	1327	1328	rBV	215	146	0.02%	0.003%
33	5.392	1336	1338	1340	rBV	121	63	0.01%	0.001%
34	5.434	1348	1351	1355	rBV	224	186	0.03%	0.003%

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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\SOMVLM121318WMA.M
Title : VOC Analysis

35	5.457	1355	1358	1362	rVB	192	168	0.02%	0.003%
36	5.479	1362	1365	1367	rBV2	165	100	0.01%	0.002%
37	5.502	1369	1372	1374	rBV	249	157	0.02%	0.003%
38	5.550	1386	1387	1388	rBV	141	30	0.00%	0.001%
39	5.666	1410	1423	1445	rBV	219542	436708	62.26%	8.100%
40	5.949	1499	1511	1526	rBV2	15641	28889	4.12%	0.536%
41	6.032	1535	1537	1539	rBV	144	42	0.01%	0.001%
42	6.119	1551	1564	1587	rBV	154005	311310	44.39%	5.774%
43	6.360	1635	1639	1641	rBV	179	149	0.02%	0.003%
44	6.466	1668	1672	1675	rBV	265	222	0.03%	0.004%
45	6.498	1677	1682	1685	rVV2	175	177	0.03%	0.003%
46	6.521	1685	1689	1693	rBV2	173	209	0.03%	0.004%
47	6.649	1727	1729	1732	rBV	273	126	0.02%	0.002%
48	6.826	1782	1784	1787	rBV	211	159	0.02%	0.003%
49	6.871	1796	1798	1802	rBV2	149	111	0.02%	0.002%
50	6.891	1802	1804	1807	rVV	224	92	0.01%	0.002%
51	6.913	1808	1811	1816	rVB2	231	238	0.03%	0.004%
52	7.032	1835	1848	1868	rBV2	86237	154194	21.98%	2.860%
53	7.264	1918	1920	1922	rVV	157	47	0.01%	0.001%
54	7.276	1922	1924	1927	rVB	186	118	0.02%	0.002%
55	7.363	1936	1951	1973	rBV	332400	581269	82.88%	10.782%
56	7.620	2029	2031	2033	rBV	159	79	0.01%	0.001%
57	7.666	2034	2045	2062	rBV2	62024	104757	14.94%	1.943%
58	7.855	2101	2104	2113	rBV2	233	339	0.05%	0.006%
59	7.932	2126	2128	2131	rVB2	201	116	0.02%	0.002%
60	7.955	2131	2135	2137	rBV2	246	207	0.03%	0.004%
61	8.135	2179	2191	2222	rBV2	152997	334407	47.68%	6.203%
62	8.338	2251	2254	2258	rVB	296	244	0.03%	0.005%
63	8.386	2268	2269	2272	rBV	238	149	0.02%	0.003%
64	8.489	2298	2301	2304	rBV	177	151	0.02%	0.003%
65	8.801	2393	2398	2402	rBV2	206	250	0.04%	0.005%
66	8.897	2414	2428	2467	rBV	318064	530113	75.58%	9.833%
67	9.048	2473	2475	2477	rBV2	245	130	0.02%	0.002%
68	9.530	2619	2625	2634	rBV2	387	565	0.08%	0.010%
69	9.563	2634	2635	2637	rVB	174	37	0.01%	0.001%
70	9.585	2638	2642	2648	rBV2	384	365	0.05%	0.007%
71	9.678	2668	2671	2675	rBV2	254	223	0.03%	0.004%

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Integration Parameters: LSCINT.P
Integrator: RTE
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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121318WMA.M
Title : VOC Analysis

72	9.749	2692	2693	2694	rBV	118	43	0.01%	0.001%
73	9.817	2711	2714	2715	rBV	100	61	0.01%	0.001%
74	9.829	2715	2718	2721	rBV2	245	184	0.03%	0.003%
75	9.878	2730	2733	2736	rBV	192	124	0.02%	0.002%
76	9.948	2752	2755	2762	rBV	291	297	0.04%	0.006%
77	9.977	2762	2764	2768	rBV	266	185	0.03%	0.003%
78	10.109	2803	2805	2810	rBV	208	130	0.02%	0.002%
79	10.148	2815	2817	2820	rBV	144	67	0.01%	0.001%
80	10.263	2841	2853	2874	rBV	185162	310796	44.31%	5.765%
81	11.128	3118	3122	3132	rBV2	272	412	0.06%	0.008%
82	11.235	3151	3155	3157	rBV2	266	218	0.03%	0.004%
83	11.299	3163	3175	3193	rVB	268652	445693	63.55%	8.267%
84	11.675	3280	3292	3310	rVB	278099	466029	66.45%	8.644%
85	11.743	3310	3313	3319	rVB2	383	330	0.05%	0.006%
86	11.771	3319	3322	3324	rBV2	256	139	0.02%	0.003%
87	12.083	3416	3419	3420	rBV2	204	96	0.01%	0.002%
88	13.739	3930	3934	3938	rBV2	378	452	0.06%	0.008%

Sum of corrected areas: 5391146

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MSVOA_V
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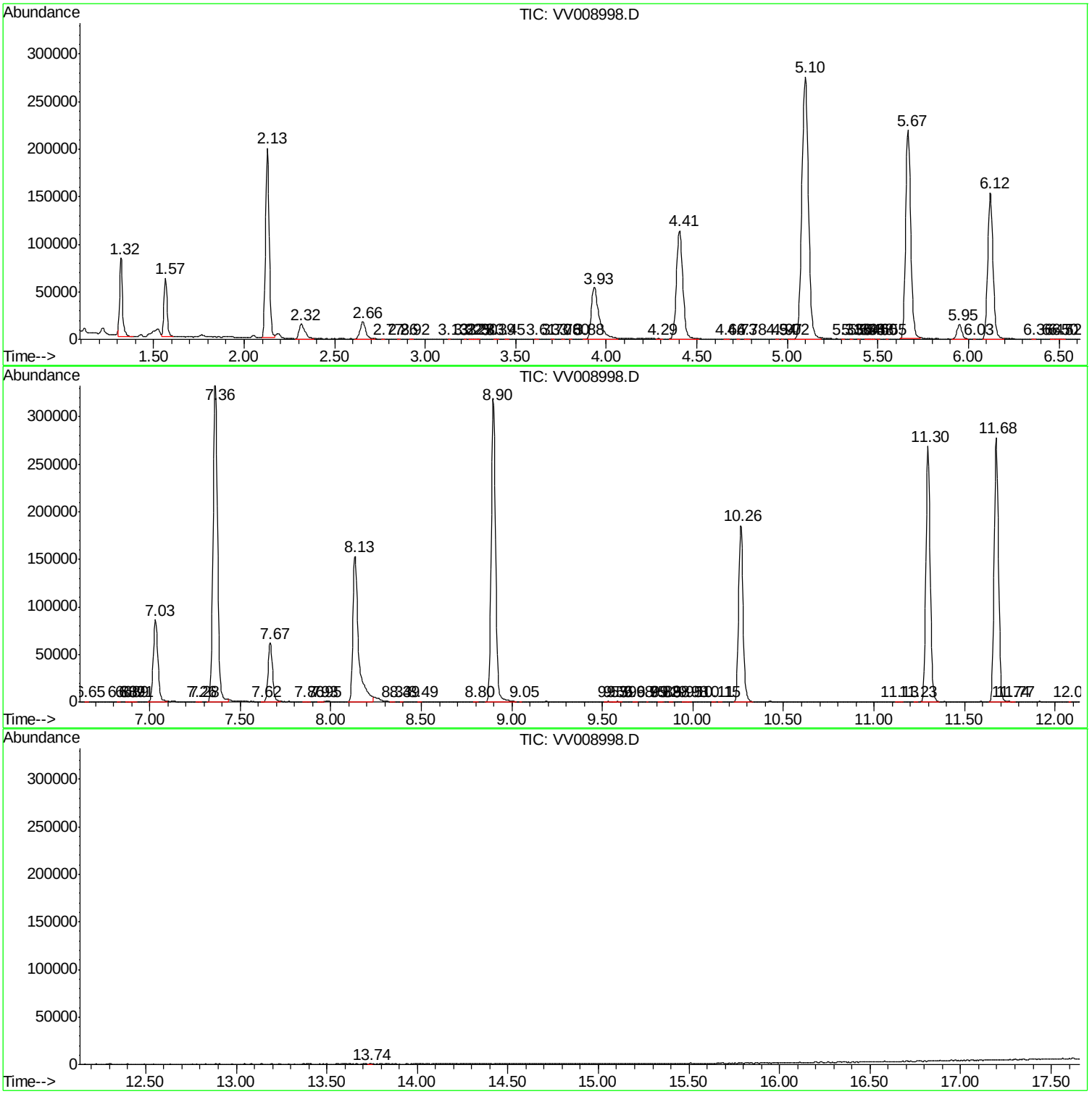
C0LC5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121318WMA.M
Quant Title : VOC Analysis

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



Library Search Compound Report

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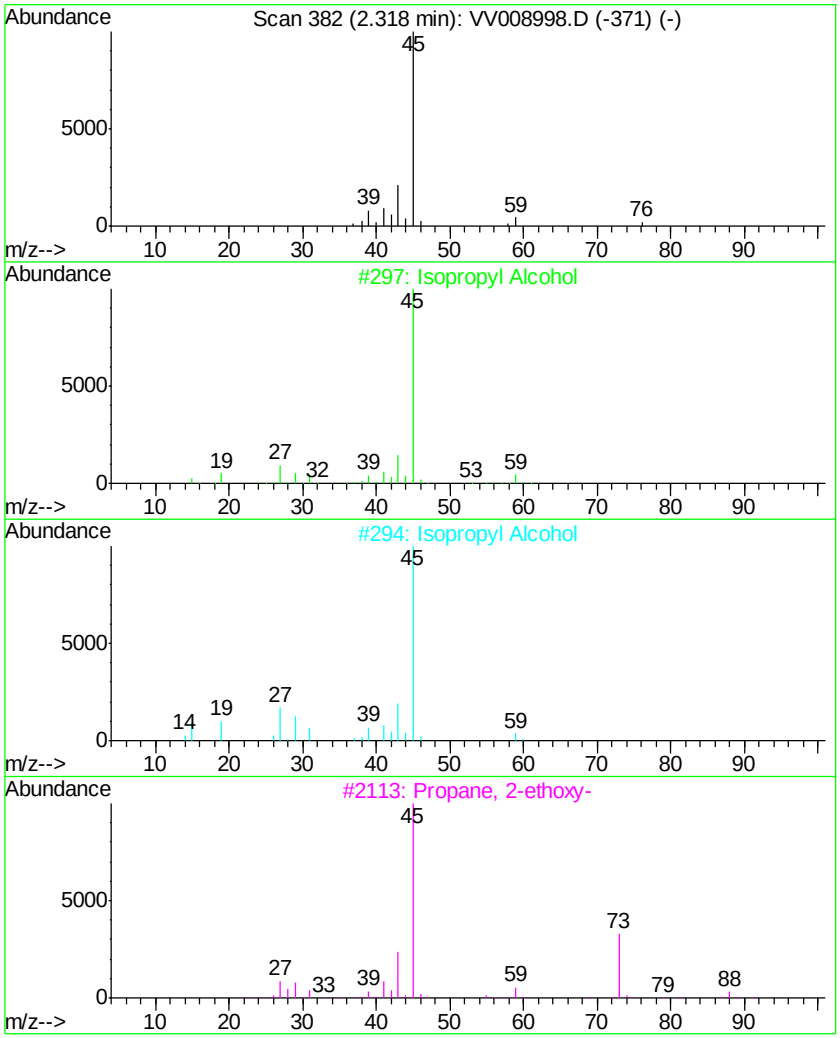
TIC Integration Parameters: LSCINT.P

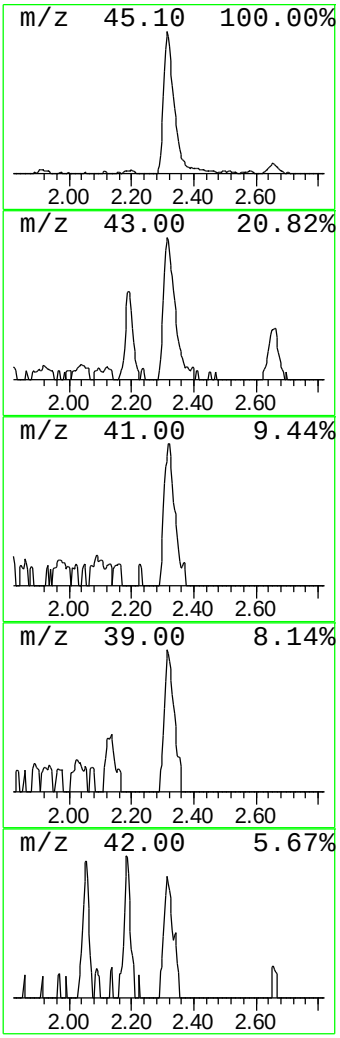
****

Peak Number 1 Isopropyl Alcohol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.32	4.16 ug/L	36318	1,4-Difluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	74
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	64
3	Propane, 2-ethoxy-	88	C5H12O	000625-54-7	43
4	Propane, 2-ethoxy-	88	C5H12O	000625-54-7	9
5	Isopropyl Alcohol	60	C3H8O	000067-63-0	9





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ClientSampleId : C0LC5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121318WMA.M
Quant Title : VOC Analysis

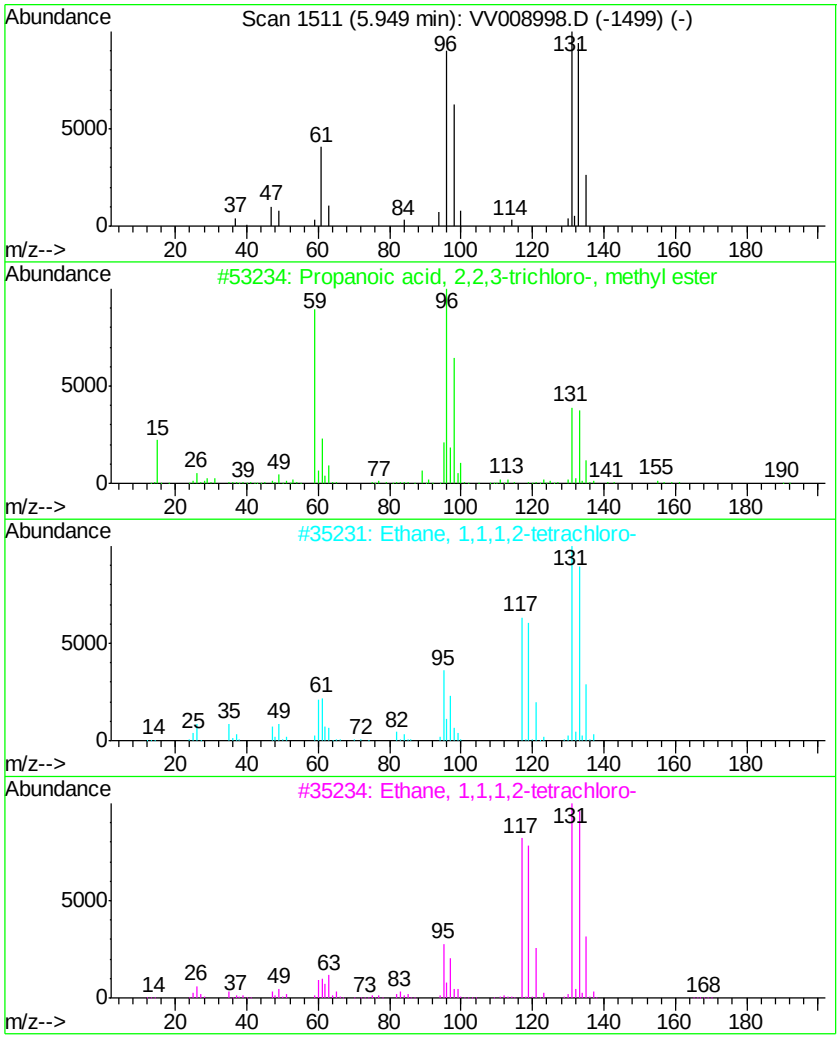
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

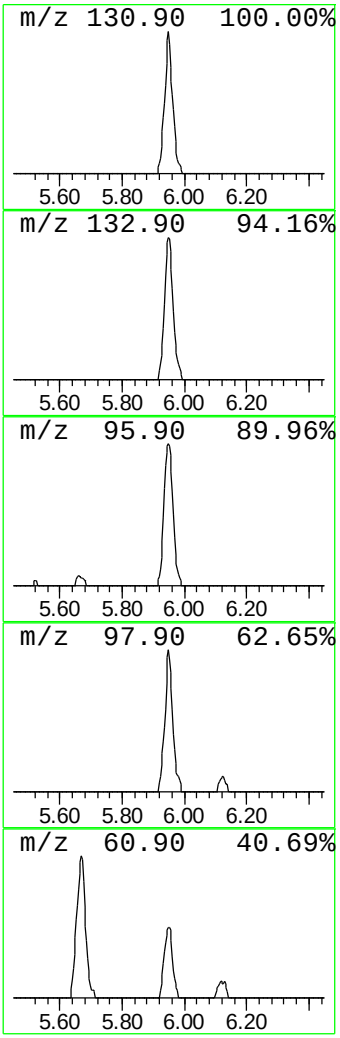
****

Peak Number 3 Propanoic acid, 2,2,3-trich... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.95	3.31 ug/L	28889	1,4-Difluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2,2,3-trichloro-...	190	C4H5Cl3O2	004749-35-3	53
2	Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	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

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Isopropyl Alcohol	2.32	4.2	ug/L	36318	1	5.67	436708	50.0
Propanoic acid, 2...	5.95	3.3	ug/L	28889	1	5.67	436708	50.0