LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121718\
Data File : VV008991.D
Acq On : 17 Dec 2018 20:05
Operator : SY/MD
Sample : J6387-20
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0LC3

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	1.322	66	72	86	rVB	82981	91554	12.88%	1.674%
2	1.563	141	147	161	rVB	62482	73548	10.35%	1.345%
3	2.129	312	323	335	rBV	203097	289194	40.69%	5.287%
4	2.315	371	381	399	rBV2	10237	26440	3.72%	0.483%
5	2.537	445	450	455	rBV2	621	851	0.12%	0.016%
6	2.653	472	486	514	rVB	21610	49181	6.92%	0.899%
7	2.946	575	577	578	rBV	167	41	0.01%	0.001%
8	3.135	632	636	642	rBV	320	359	0.05%	0.007%
9	3.261	672	675	678	rBV	201	186	0.03%	0.003%
10	3.306	685	689	692	rBV2	211	226	0.03%	0.004%
11	3.595	775	779	781	rBV	309	273	0.04%	0.005%
12	3.676	801	804	809	rBV2	209	143	0.02%	0.003%
13	3.933	870	884	921	rBV	55287	167686	23.59%	3.066%
14	4.405	1013	1031	1055	rBV2	117314	287989	40.52%	5.265%
15	4.560	1077	1079	1082	rBV	261	132	0.02%	0.002%
16	4.679	1111	1116	1125	rBV3	466	756	0.11%	0.014%
17	4.737	1131	1134	1136	rBV	149	76	0.01%	0.001%
18	4.772	1143	1145	1146	rBV	200	88	0.01%	0.002%
19	4.807	1154	1156	1157	rBV	116	47	0.01%	0.001%
20	4.856	1169	1171	1174	rVB	181	80	0.01%	0.001%
21	4.987	1208	1212	1215	rBV	205	109	0.02%	0.002%
22	5.097	1227	1246	1279	rBV2	281755	710793	100.00%	12.994%
23	5.373	1330	1332	1334	rBV	155	70	0.01%	0.001%
24	5.386	1334	1336	1339	rVV	179	124	0.02%	0.002%
25	5.450	1352	1356	1357	rBV2	173	121	0.02%	0.002%
26	5.531	1377	1381	1384	rBV	191	193	0.03%	0.004%
27	5.563	1389	1391	1394	rBV	164	84	0.01%	0.002%
28	5.608	1402	1405	1407	rBV	214	154	0.02%	0.003%
29	5.666	1407	1423	1447	rBV	225525	446373	62.80%	8.160%
30	5.946	1499	1510	1527	rBV3	15316	30472	4.29%	0.557%
31	6.029	1533	1536	1538	rVB2	325	145	0.02%	0.003%
32	6.048	1540	1542	1544	rBV	138	77	0.01%	0.001%
33	6.119	1550	1564	1589	rBV	151187	312315	43.94%	5.710%
34	6.286	1613	1616	1621	rBV2	205	206	0.03%	0.004%

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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
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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	6.338	1630	1632	1636	rBV	249	179	0.03%	0.003%
36	6.450	1665	1667	1669	rVB	162	64	0.01%	0.001%
37	6.466	1670	1672	1673	rBV	142	38	0.01%	0.001%
38	6.482	1674	1677	1680	rBV	244	172	0.02%	0.003%
39	6.527	1688	1691	1693	rVB2	285	184	0.03%	0.003%
40	6.550	1693	1698	1700	rBV2	300	295	0.04%	0.005%
41	6.637	1719	1725	1727	rBV	158	187	0.03%	0.003%
42	6.653	1728	1730	1735	rBV2	211	203	0.03%	0.004%
43	6.701	1741	1745	1747	rBV	343	255	0.04%	0.005%
44	6.749	1757	1760	1762	rBV	142	94	0.01%	0.002%
45	6.791	1768	1773	1778	rBV2	268	307	0.04%	0.006%
46	7.032	1834	1848	1868	rBV	89330	158729	22.33%	2.902%
47	7.161	1887	1888	1894	rBV2	339	254	0.04%	0.005%
48	7.273	1920	1923	1929	rBV2	283	317	0.04%	0.006%
49	7.360	1937	1950	1982	rBV	333311	588723	82.83%	10.763%
50	7.666	2033	2045	2058	rBV	61294	104482	14.70%	1.910%
51	7.859	2103	2105	2109	rVB2	197	136	0.02%	0.002%
52	7.881	2109	2112	2113	rBV	184	108	0.02%	0.002%
53	7.913	2120	2122	2127	rVB2	273	132	0.02%	0.002%
54	7.945	2127	2132	2133	rBV2	293	169	0.02%	0.003%
55	7.955	2133	2135	2136	rBV	223	94	0.01%	0.002%
56	8.074	2169	2172	2174	rBV	187	131	0.02%	0.002%
57	8.135	2179	2191	2228	rBV2	157355	343547	48.33%	6.281%
58	8.534	2312	2315	2318	rBV2	208	111	0.02%	0.002%
59	8.553	2318	2321	2322	rBV	188	107	0.02%	0.002%
60	8.717	2370	2372	2374	rBV2	209	117	0.02%	0.002%
61	8.772	2385	2389	2392	rBV	225	223	0.03%	0.004%
62	8.897	2415	2428	2467	rBV	317409	537397	75.61%	9.824%
63	9.161	2506	2510	2512	rBV2	236	194	0.03%	0.004%
64	9.187	2516	2518	2520	rBV	249	115	0.02%	0.002%
65	9.260	2539	2541	2544	rVB	168	72	0.01%	0.001%
66	9.566	2632	2636	2638	rBV2	222	153	0.02%	0.003%
67	9.965	2756	2760	2762	rBV	281	275	0.04%	0.005%
68	10.122	2806	2809	2811	rBV	167	109	0.02%	0.002%
69	10.264	2841	2853	2874	rVB	186358	309246	43.51%	5.653%
70	10.383	2887	2890	2893	rBV2	205	145	0.02%	0.003%
71	10.412	2897	2899	2900	rBV	381	186	0.03%	0.003%

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Peak separation: 5

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

72	11.296	3163	3174	3195	rBV	272159	456360	64.20%	8.343%
73	11.675	3279	3292	3312	rBV	283964	475285	66.87%	8.689%
74	12.061	3409	3412	3414	rBV	215	101	0.01%	0.002%
75	12.945	3684	3687	3690	rBV	366	295	0.04%	0.005%
76	13.379	3818	3822	3824	rBV2	350	312	0.04%	0.006%
77	13.755	3936	3939	3942	rBV2	422	323	0.05%	0.006%

Sum of corrected areas: 5470012

LSC Report - Integrated Chromatogram

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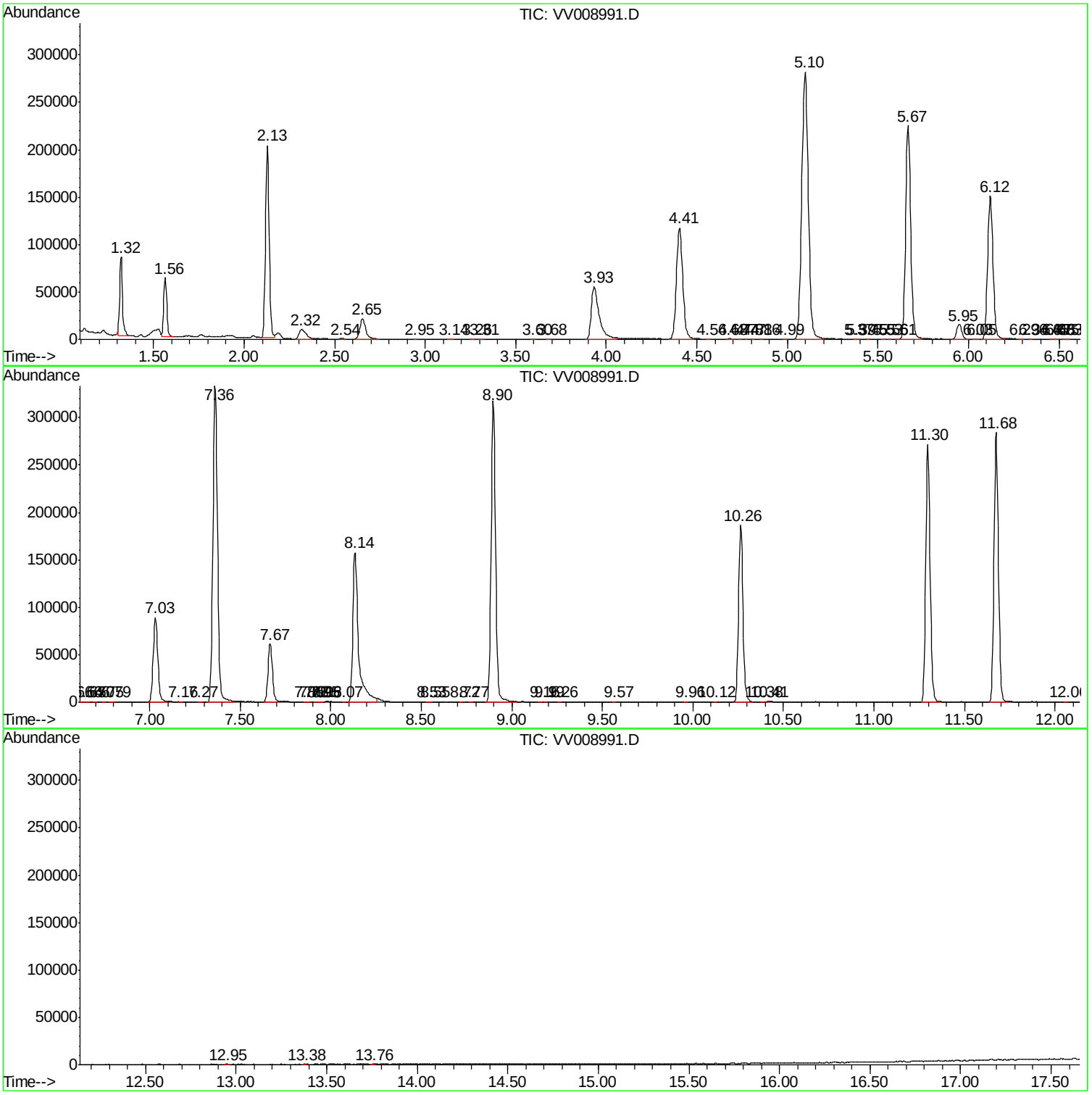
Instrument : MSVOA_V
ClientSampleId : C0LC3

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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Quant Title : VOC Analysis

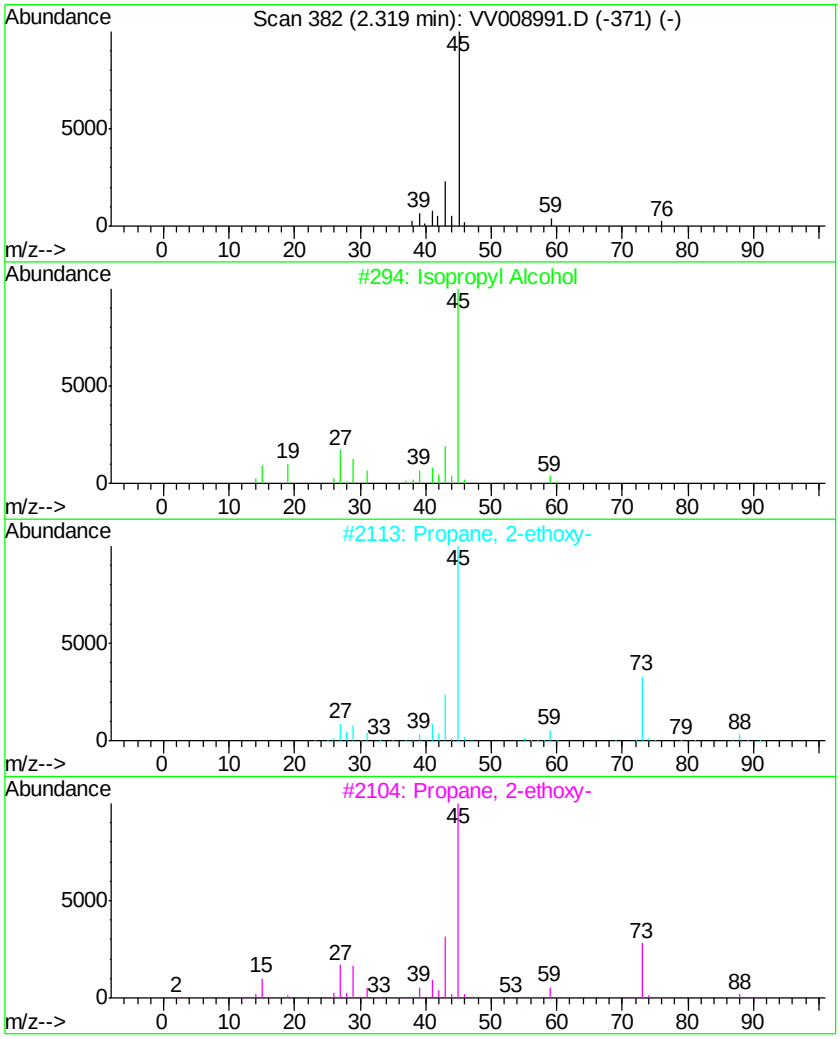
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

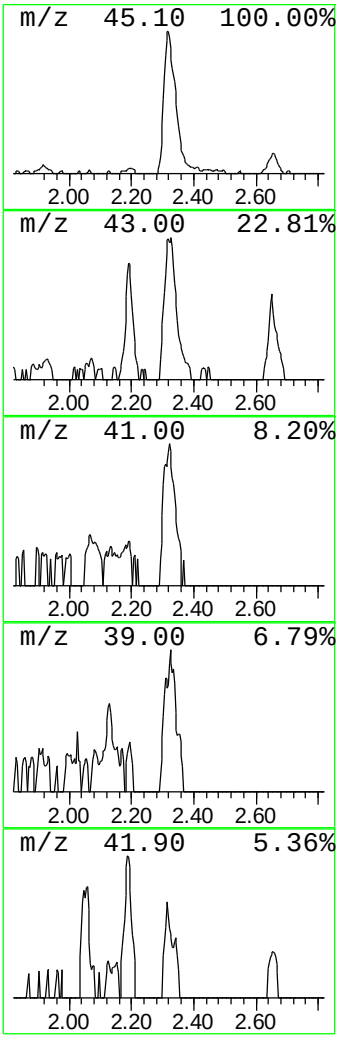
****

Peak Number 1 Isopropyl Alcohol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.32	2.96 ug/L	26440	1,4-Difluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	74
2	Propane, 2-ethoxy-	88	C5H12O	000625-54-7	43
3	Propane, 2-ethoxy-	88	C5H12O	000625-54-7	43
4	Formic acid, 1-methylethyl ester	88	C4H8O2	000625-55-8	9
5	Isopropyl Alcohol	60	C3H8O	000067-63-0	9





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Instrument : MSVOA_V
ClientSampleId : C0LC3

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

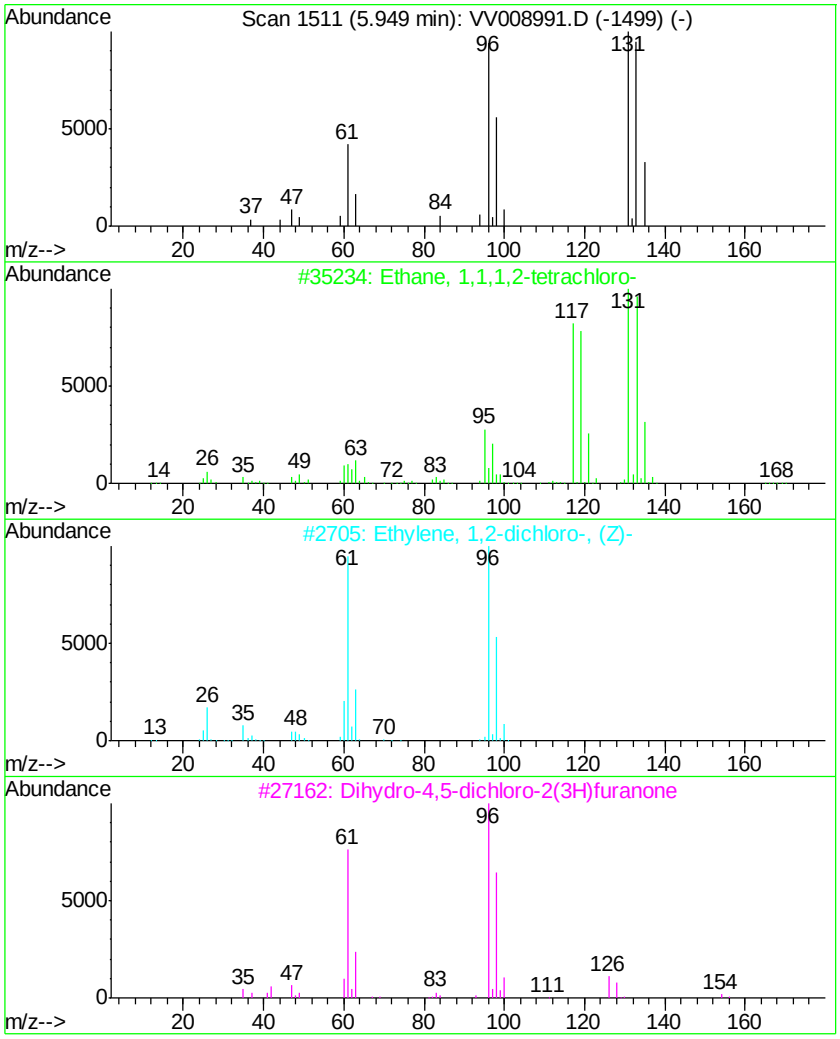
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

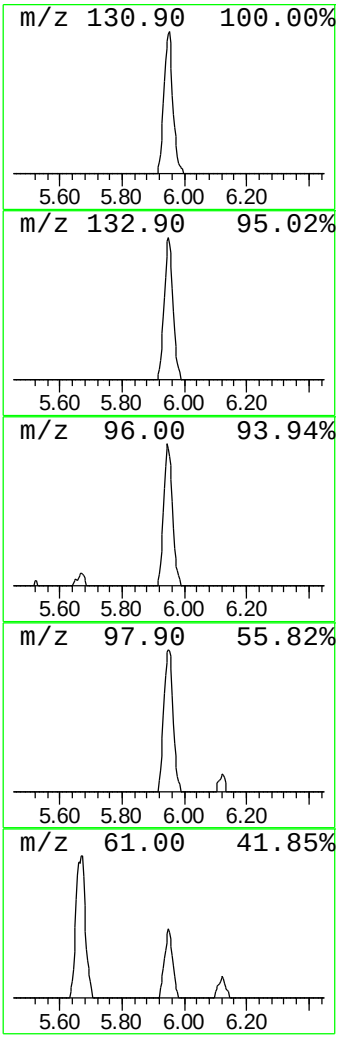
****

Peak Number 3 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.95	3.41 ug/L	30472	1,4-Difluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	43
2	Ethylene, 1,2-dichloro-, (Z)-	96	C2H2Cl2	000156-59-2	27
3	Dihydro-4,5-dichloro-2(3H)furanone	154	C4H4Cl2O2	114434-99-0	16
4	2-Cyano-3,5-dimethylpyrazine	133	C7H7N3	124629-52-3	9
5	Carbamic acid, acetylthio-, O-me...	133	C4H7NO2S	016696-87-0	9





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	3.0	ug/L	26440	1	5.67	446373	50.0
unknown-01	5.95	3.4	ug/L	30472	1	5.67	446373	50.0