LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121119\
Data File : VV014008.D
Acq On : 11 Dec 2019 13:24
Operator : SY/MD
Sample : K6238-05
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFPZ8

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\SOMVLM120219WMA.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	65	71	82	rVB	318338	308567	14.43%	1.799%
2	1.579	146	152	166	rVB	330272	373937	17.49%	2.180%
3	2.129	314	323	333	rBV	594108	831814	38.90%	4.850%
4	2.296	366	375	404	rVB	365979	609538	28.50%	3.554%
5	3.058	609	612	613	rBV2	1467	862	0.04%	0.005%
6	3.129	631	634	638	rVB4	1004	656	0.03%	0.004%
7	3.299	684	687	689	rBV3	838	569	0.03%	0.003%
8	3.425	723	726	727	rBV3	1148	633	0.03%	0.004%
9	3.511	750	753	756	rBV4	1600	1331	0.06%	0.008%
10	3.527	756	758	761	rVB3	1201	631	0.03%	0.004%
11	3.563	766	769	770	rBV3	957	442	0.02%	0.003%
12	3.592	776	778	784	rVB4	1013	719	0.03%	0.004%
13	3.643	790	794	797	rBV4	888	786	0.04%	0.005%
14	3.682	802	806	808	rBV5	1206	796	0.04%	0.005%
15	3.736	822	823	825	rVB2	835	267	0.01%	0.002%
16	3.749	825	827	828	rBV	547	244	0.01%	0.001%
17	3.778	833	836	838	rBV4	831	433	0.02%	0.003%
18	3.794	839	841	844	rVB4	1019	620	0.03%	0.004%
19	3.846	850	857	860	rBV6	1858	1608	0.08%	0.009%
20	3.868	860	864	866	rBV4	924	658	0.03%	0.004%
21	3.920	867	880	911	rBV	140222	407190	19.04%	2.374%
22	4.392	1013	1027	1053	rBV	360172	864469	40.42%	5.040%
23	4.781	1146	1148	1149	rBV2	998	404	0.02%	0.002%
24	4.817	1156	1159	1161	rBV4	1338	929	0.04%	0.005%
25	4.920	1188	1191	1196	rVB5	2057	1601	0.07%	0.009%
26	4.949	1196	1200	1204	rBV6	1376	1384	0.06%	0.008%
27	5.013	1219	1220	1221	rBV6	509	140	0.01%	0.001%
28	5.090	1224	1244	1270	rBV2	836651	2138512	100.00%	12.468%
29	5.502	1368	1372	1375	rBV4	1906	1815	0.08%	0.011%
30	5.656	1407	1420	1439	rBV	709023	1404718	65.69%	8.190%
31	5.942	1497	1509	1530	rBV3	47986	102528	4.79%	0.598%
32	6.109	1549	1561	1582	rBV	491929	984263	46.03%	5.738%
33	6.621	1718	1720	1721	rBV2	1763	818	0.04%	0.005%
34	6.778	1767	1769	1771	rBV3	1594	786	0.04%	0.005%

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Integrator: RTE
Smoothing : OFF Filtering: 5
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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Title : VOC Analysis

35	6.859	1792	1794	1797	rBV3	988	659	0.03%	0.004%
36	6.888	1802	1803	1809	rVB6	1273	1019	0.05%	0.006%
37	6.933	1814	1817	1818	rBV2	1397	654	0.03%	0.004%
38	7.026	1834	1846	1863	rBV	255024	453100	21.19%	2.642%
39	7.354	1934	1948	1964	rBV	1013145	1760702	82.33%	10.265%
40	7.595	2021	2023	2025	rBV3	1284	576	0.03%	0.003%
41	7.659	2033	2043	2059	rBV	181301	309824	14.49%	1.806%
42	8.064	2167	2169	2172	rBV3	1297	619	0.03%	0.004%
43	8.129	2179	2189	2223	rBV3	330746	831793	38.90%	4.849%
44	8.730	2374	2376	2379	rBV4	1429	934	0.04%	0.005%
45	8.804	2395	2399	2401	rBV5	1552	1298	0.06%	0.008%
46	8.891	2413	2426	2446	rBV	1130112	1822117	85.20%	10.623%
47	9.367	2571	2574	2575	rBV3	1564	748	0.03%	0.004%
48	9.392	2579	2582	2583	rBV3	1370	895	0.04%	0.005%
49	9.585	2633	2642	2649	rBV2	10534	17626	0.82%	0.103%
50	9.662	2664	2666	2667	rBV2	926	411	0.02%	0.002%
51	9.714	2680	2682	2684	rBV3	1336	463	0.02%	0.003%
52	9.836	2718	2720	2721	rBV2	1604	677	0.03%	0.004%
53	9.948	2753	2755	2757	rBV3	1014	412	0.02%	0.002%
54	9.974	2760	2763	2766	rBV4	1992	1193	0.06%	0.007%
55	10.151	2817	2818	2820	rBV	730	275	0.01%	0.002%
56	10.167	2820	2823	2827	rVB5	1239	784	0.04%	0.005%
57	10.193	2827	2831	2835	rBV7	1324	1298	0.06%	0.008%
58	10.257	2839	2851	2873	rVB	605993	958990	44.84%	5.591%
59	10.386	2886	2891	2892	rBV4	1091	923	0.04%	0.005%
60	10.620	2962	2964	2965	rBV3	1114	440	0.02%	0.003%
61	10.736	2997	3000	3002	rBV	1311	643	0.03%	0.004%
62	11.103	3112	3114	3116	rBV2	999	347	0.02%	0.002%
63	11.202	3141	3145	3147	rBV5	1477	1397	0.07%	0.008%
64	11.289	3160	3172	3191	rBV	938540	1451509	67.87%	8.462%
65	11.665	3278	3289	3309	rBV	940898	1481177	69.26%	8.635%
66	13.161	3752	3754	3756	rBV2	1441	703	0.03%	0.004%
67	13.283	3790	3792	3793	rBV2	1554	674	0.03%	0.004%
68	13.373	3818	3820	3821	rBV2	1163	462	0.02%	0.003%
69	13.543	3869	3873	3874	rBV2	1845	1009	0.05%	0.006%
70	13.553	3874	3876	3879	rBV4	1994	1516	0.07%	0.009%

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Title : VOC Analysis

Sum of corrected areas: 17152535

LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121119\
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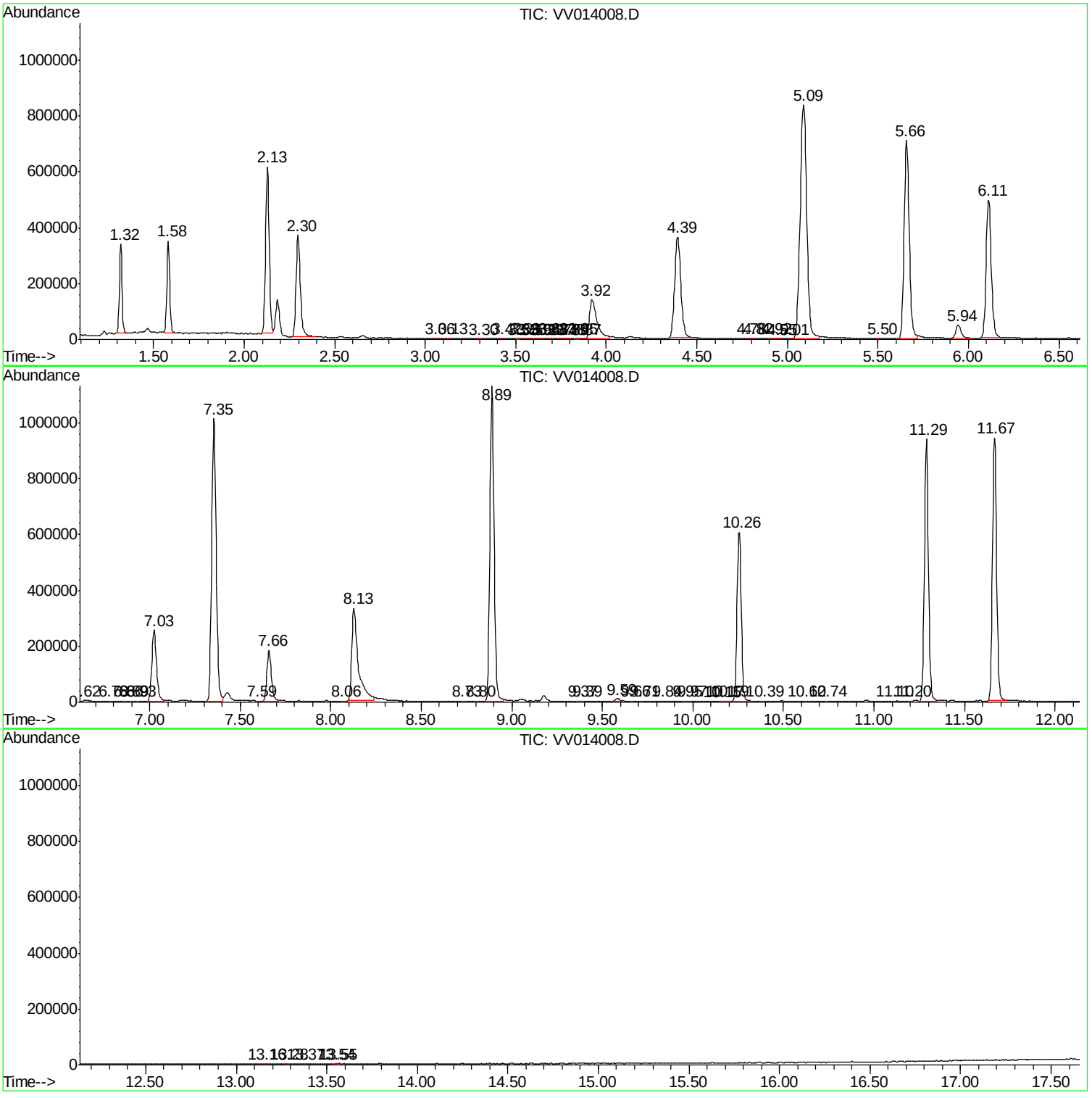
Instrument : MSVOA_V
ClientSampleId : BFPZ8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121119\
Data File : VV014008.D
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Instrument : MSVOA_V
ClientSampleId : BFPZ8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis

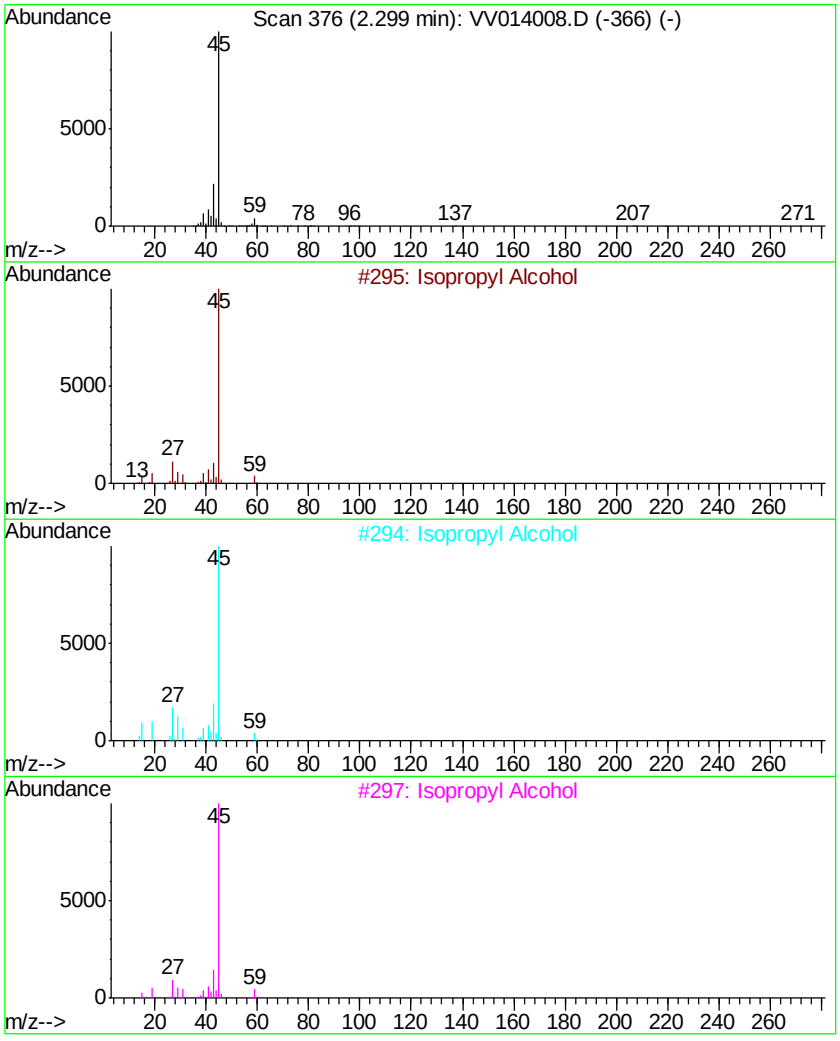
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

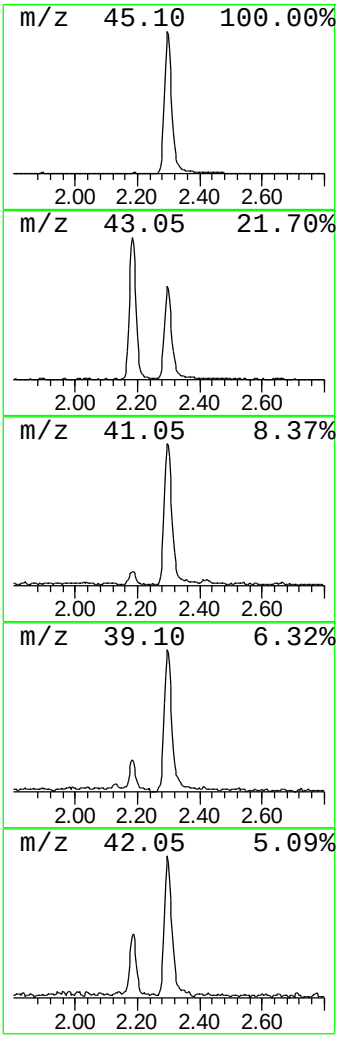
****

Peak Number 1 Isopropyl Alcohol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.30	21.70 ug/L	609538	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	90
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	83
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	83
4	Isopropyl Alcohol	60	C3H8O	000067-63-0	64
5	Hydrazine, 1,2-dimethyl-	60	C2H8N2	000540-73-8	9





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Instrument : MSVOA_V
ClientSampleId : BFPZ8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis

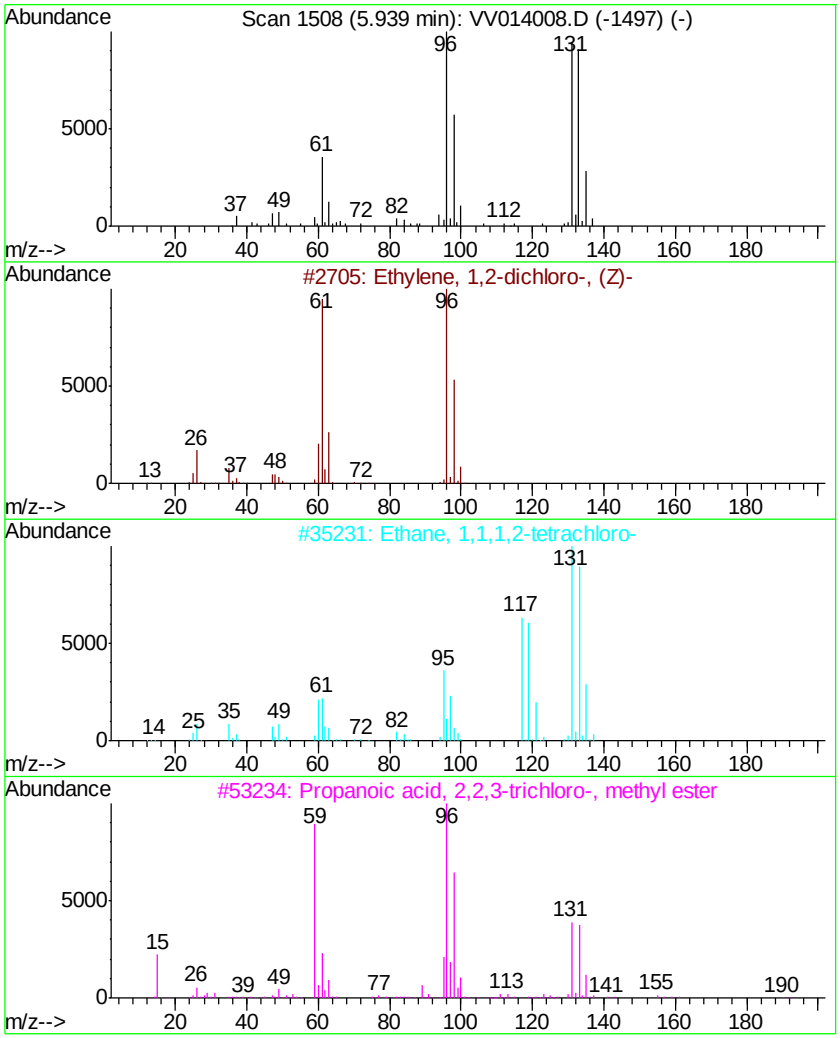
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

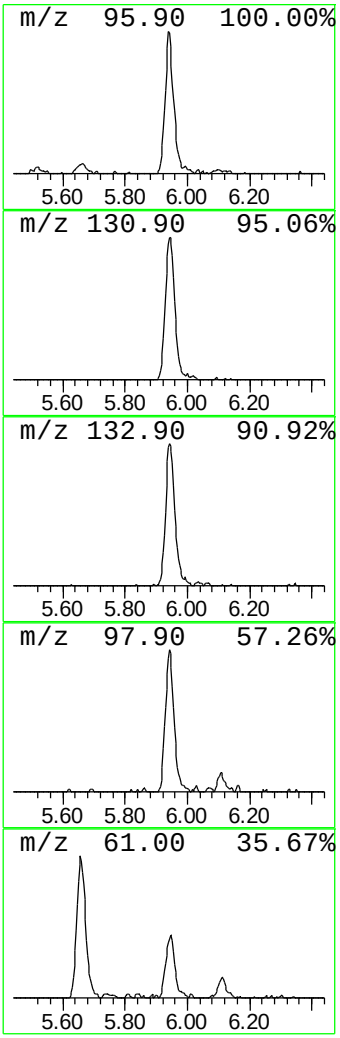
****

Peak Number 2 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.94	3.65 ug/L	102528	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylene, 1,2-dichloro-, (Z)-	96	C2H2Cl2	000156-59-2	38
2	Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	37
3	Propanoic acid, 2,2,3-trichloro-...	190	C4H5Cl3O2	004749-35-3	37
4	Dihydro-4,5-dichloro-2(3H)furanone	154	C4H4Cl2O2	114434-99-0	25
5	Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	23





Tentatively Identified Compound (LSC) summary

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Quant Title : VOC Analysis

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Isopropyl Alcohol	2.30	21.7	ug/L	609538	1	5.66	1404720	50.0
unknown-01	5.94	3.6	ug/L	102528	1	5.66	1404720	50.0