LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW040820\
Data File : VW015170.D
Acq On : 08 Apr 2020 16:10
Operator : SY/VA
Sample : VIBLK12
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK12

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_W\METHOD\SOM2WLM032520S.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	2.355	68	74	86	rVB	220772	401364	14.49%	2.196%
2	2.892	155	162	178	rVB	180481	450848	16.28%	2.467%
3	3.385	238	243	253	rVB3	9452	21223	0.77%	0.116%
4	3.507	261	263	266	rVB4	1024	1080	0.04%	0.006%
5	3.538	266	268	269	rBV2	1194	1105	0.04%	0.006%
6	3.562	269	272	274	rBV4	786	945	0.03%	0.005%
7	3.702	292	295	298	rVB5	1185	1457	0.05%	0.008%
8	4.019	332	347	364	rBV2	269173	814292	29.41%	4.455%
9	4.312	393	395	398	rVB4	1283	1338	0.05%	0.007%
10	4.440	406	416	425	rBV2	8580	31990	1.16%	0.175%
11	4.617	443	445	449	rBV4	782	933	0.03%	0.005%
12	4.653	449	451	454	rVB4	840	939	0.03%	0.005%
13	4.678	454	455	459	rBV3	637	895	0.03%	0.005%
14	4.727	459	463	465	rVB4	930	1216	0.04%	0.007%
15	4.751	465	467	470	rVB4	1022	1238	0.04%	0.007%
16	4.788	472	473	476	rVB2	1227	908	0.03%	0.005%
17	4.922	481	495	504	rBV4	14200	59229	2.14%	0.324%
18	5.403	572	574	575	rVV2	1386	1050	0.04%	0.006%
19	5.422	575	577	583	rVB6	1566	2958	0.11%	0.016%
20	5.470	583	585	592	rVB7	1544	1590	0.06%	0.009%
21	5.562	599	600	603	rVB2	1180	1028	0.04%	0.006%
22	5.647	612	614	616	rVB2	1131	929	0.03%	0.005%
23	5.751	622	631	640	rBV7	5560	16773	0.61%	0.092%
24	5.940	651	662	669	rBV6	6583	19200	0.69%	0.105%
25	6.159	696	698	700	rBV3	998	1033	0.04%	0.006%
26	6.190	700	703	705	rVV3	1425	1203	0.04%	0.007%
27	6.220	705	708	712	rVV5	1282	1762	0.06%	0.010%
28	6.312	719	723	725	rBV5	991	1718	0.06%	0.009%
29	6.391	733	736	739	rVV4	871	1072	0.04%	0.006%
30	6.549	759	762	765	rVB4	1111	1362	0.05%	0.007%
31	6.751	792	795	797	rVB4	853	1029	0.04%	0.006%
32	6.915	820	822	827	rVB5	889	986	0.04%	0.005%
33	7.086	839	850	853	rBV	69405	178304	6.44%	0.976%
34	7.488	913	916	917	rBV2	880	1123	0.04%	0.006%

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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_W\METHOD\SOM2WLM032520S.M
Title : VOC Analysis

35	7.647	932	942	955	rVV	386257	947036	34.20%	5.181%
36	7.836	969	973	977	rBV6	1376	2338	0.08%	0.013%
37	7.952	984	992	999	rBV6	4630	10317	0.37%	0.056%
38	8.141	1021	1023	1024	rBV2	1260	904	0.03%	0.005%
39	8.275	1032	1045	1060	rVV3	887119	2769178	100.00%	15.150%
40	8.397	1063	1065	1070	rVB6	1717	2725	0.10%	0.015%
41	8.561	1090	1092	1096	rVB4	1374	1644	0.06%	0.009%
42	8.683	1110	1112	1115	rVV3	1033	1097	0.04%	0.006%
43	8.842	1128	1138	1154	rBV	709126	1385463	50.03%	7.580%
44	9.079	1169	1177	1184	rBV8	4205	11621	0.42%	0.064%
45	9.275	1198	1209	1218	rBV	563447	1141041	41.21%	6.243%
46	9.652	1269	1271	1273	rBV3	1280	1026	0.04%	0.006%
47	9.762	1281	1289	1295	rVB3	14346	28759	1.04%	0.157%
48	9.890	1301	1310	1320	rBV2	39715	88320	3.19%	0.483%
49	9.982	1320	1325	1326	rVV5	4793	6687	0.24%	0.037%
50	10.037	1327	1334	1347	rVB	270968	506070	18.28%	2.769%
51	10.207	1357	1362	1365	rBV	18059	30891	1.12%	0.169%
52	10.250	1365	1369	1373	rVB2	21148	35875	1.30%	0.196%
53	10.323	1373	1381	1389	rBV	1038557	1819440	65.70%	9.954%
54	10.506	1406	1411	1416	rVB8	3364	6728	0.24%	0.037%
55	10.579	1416	1423	1431	rBV	178739	324720	11.73%	1.777%
56	10.701	1434	1443	1450	rVB	108682	202971	7.33%	1.110%
57	10.774	1450	1455	1461	rVB6	7159	14302	0.52%	0.078%
58	10.847	1462	1467	1473	rVB5	7034	12823	0.46%	0.070%
59	10.927	1473	1480	1489	rBV	273565	472918	17.08%	2.587%
60	11.061	1495	1502	1508	rVB	40873	69986	2.53%	0.383%
61	11.140	1513	1515	1516	rVV2	1704	1489	0.05%	0.008%
62	11.177	1516	1521	1525	rVB3	14735	24069	0.87%	0.132%
63	11.238	1525	1531	1536	rVB6	7738	15564	0.56%	0.085%
64	11.280	1536	1538	1543	rBV6	2645	3379	0.12%	0.018%
65	11.335	1543	1547	1551	rBV5	6091	9196	0.33%	0.050%
66	11.439	1559	1564	1571	rVB2	51683	89618	3.24%	0.490%
67	11.506	1571	1575	1577	rBV5	1567	2202	0.08%	0.012%
68	11.628	1587	1595	1609	rBV	1001609	1705095	61.57%	9.329%
69	11.768	1614	1618	1622	rVB6	2746	3976	0.14%	0.022%
70	11.829	1622	1628	1632	rBV5	8274	20124	0.73%	0.110%
71	11.872	1633	1635	1639	rVB3	9453	11371	0.41%	0.062%

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ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK12

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_W\METHOD\SOM2WLM032520S.M
Title : VOC Analysis

72	12.140	1671	1679	1688	rBV6	17737	54016	1.95%	0.296%
73	12.225	1691	1693	1694	rBV2	3355	2457	0.09%	0.013%
74	12.304	1701	1706	1708	rBV4	10069	17135	0.62%	0.094%
75	12.335	1708	1711	1716	rBV6	11315	27829	1.00%	0.152%
76	12.609	1750	1756	1762	rVB2	90318	161610	5.84%	0.884%
77	12.689	1762	1769	1776	rBV	377188	636697	22.99%	3.483%
78	12.780	1780	1784	1791	rVB7	20282	41336	1.49%	0.226%
79	12.859	1793	1797	1801	rBV3	10246	19249	0.70%	0.105%
80	12.938	1804	1810	1813	rBV5	32881	72987	2.64%	0.399%
81	13.079	1829	1833	1836	rVB3	13347	15817	0.57%	0.087%
82	13.127	1837	1841	1843	rBV4	9183	13515	0.49%	0.074%
83	13.164	1843	1847	1854	rVV6	20467	43007	1.55%	0.235%
84	13.292	1865	1868	1872	rBV4	11581	18591	0.67%	0.102%
85	13.445	1890	1893	1897	rVB3	26104	35195	1.27%	0.193%
86	13.554	1905	1911	1924	rVB	897436	1471551	53.14%	8.051%
87	13.853	1953	1960	1968	rBV	825678	1431140	51.68%	7.830%
88	14.066	1992	1995	2004	rVB3	46879	112937	4.08%	0.618%
89	14.200	2013	2017	2022	rVB4	19213	34673	1.25%	0.190%
90	14.261	2024	2027	2032	rVB6	13905	23070	0.83%	0.126%
91	14.316	2034	2036	2037	rBV2	7993	6958	0.25%	0.038%
92	14.383	2043	2047	2051	rBV3	44676	71682	2.59%	0.392%
93	14.548	2070	2074	2080	rVB4	29623	48609	1.76%	0.266%
94	14.792	2109	2114	2119	rBV4	30924	60949	2.20%	0.333%
95	15.438	2214	2220	2225	rVB	25286	44289	1.60%	0.242%
96	16.072	2322	2324	2327	rBV4	1088	1535	0.06%	0.008%
97	16.139	2333	2335	2338	rBV4	1578	1893	0.07%	0.010%
98	16.298	2359	2361	2363	rBV3	1387	1204	0.04%	0.007%
99	16.383	2372	2375	2376	rBV3	1775	1736	0.06%	0.009%
100	16.426	2380	2382	2384	rBV3	1385	1241	0.04%	0.007%

Sum of corrected areas: 18277991

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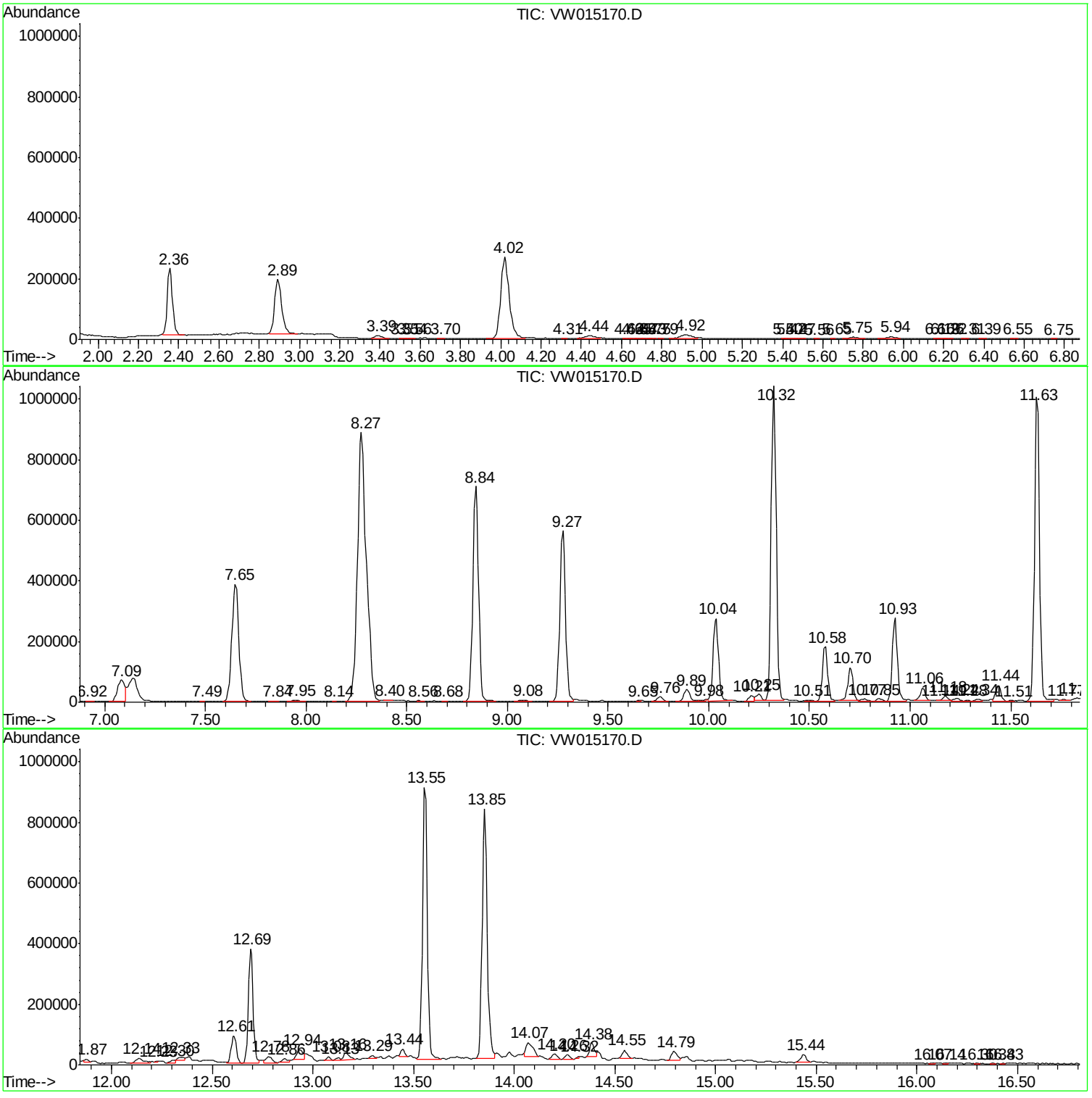
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM032520S.M
Quant Title : VOC Analysis

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



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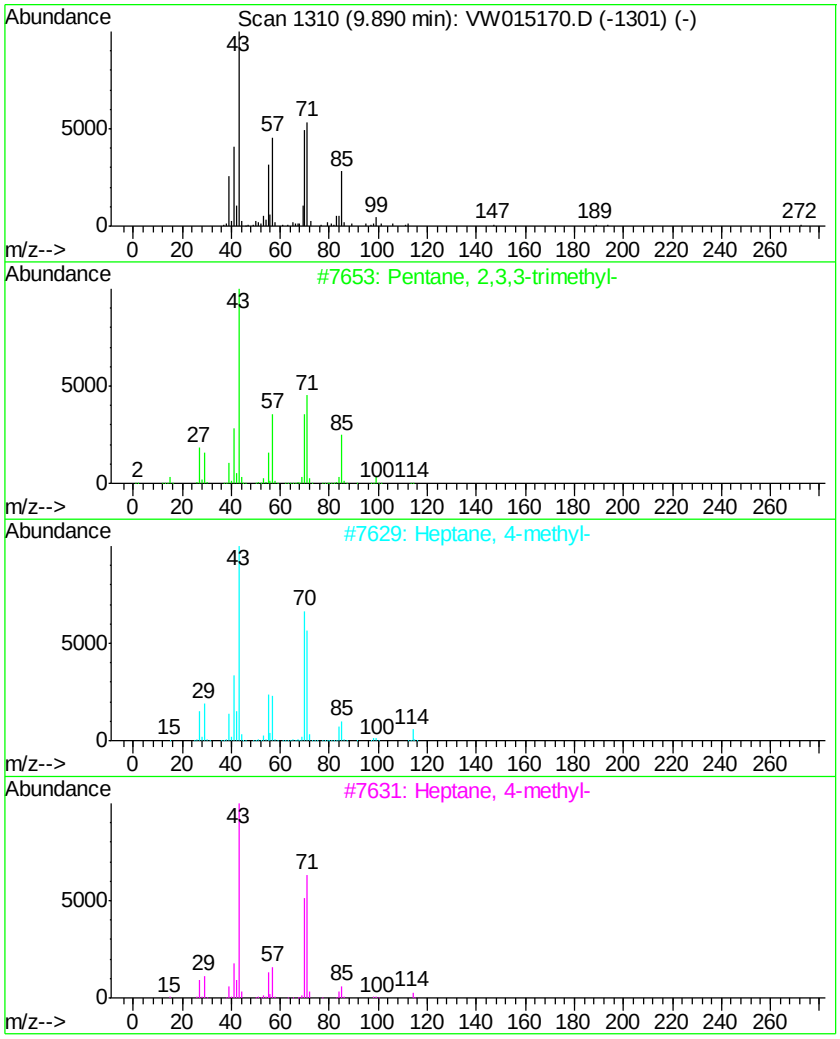
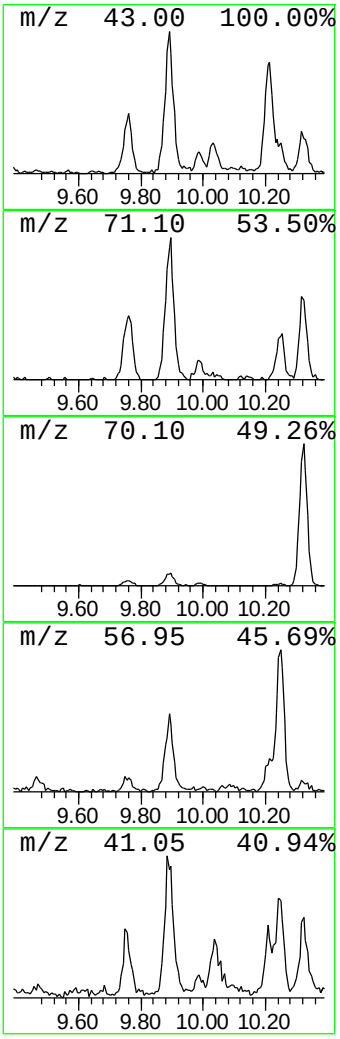
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.89	1.59 ug/L	88320	1,4-Difluorobenzene	8.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	78
2	Heptane, 4-methyl-	114	C8H18	000589-53-7	64
3	Heptane, 4-methyl-	114	C8H18	000589-53-7	64
4	Hexane, 3-methyl-	100	C7H16	000589-34-4	59
5	Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	59





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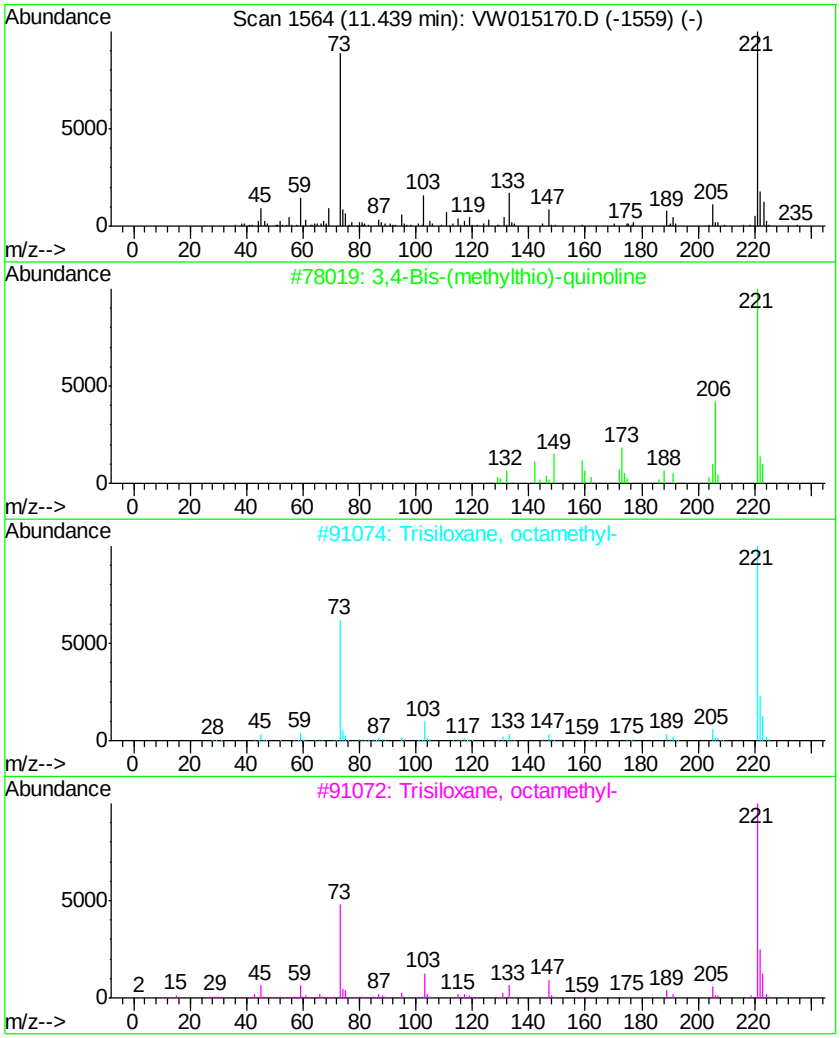
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM032520S.M
Quant Title : VOC Analysis

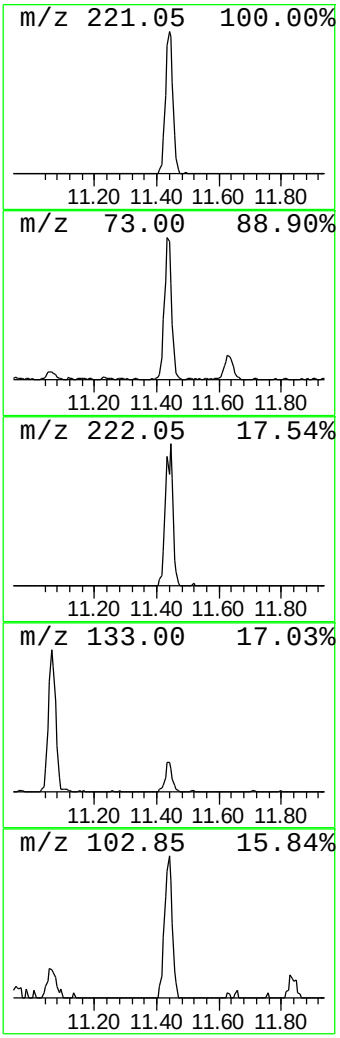
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 3,4-Bis-(methylthio)-quinoline Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.44	1.31 ug/L	89618	Chlorobenzene-d5	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Bis-(methylthio)-quinoline	221	C11H11NS2	074579-34-3	72
2	Trisiloxane, octamethyl-	236	C8H24O2Si3	000107-51-7	72
3	Trisiloxane, octamethyl-	236	C8H24O2Si3	000107-51-7	64
4	Trisiloxane, octamethyl-	236	C8H24O2Si3	000107-51-7	43
5	Benzene, 1-(1-hydroxyheptyl)-3-[...	390	C25H42O3	1000196-54-9	43





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Quant Title : VOC Analysis

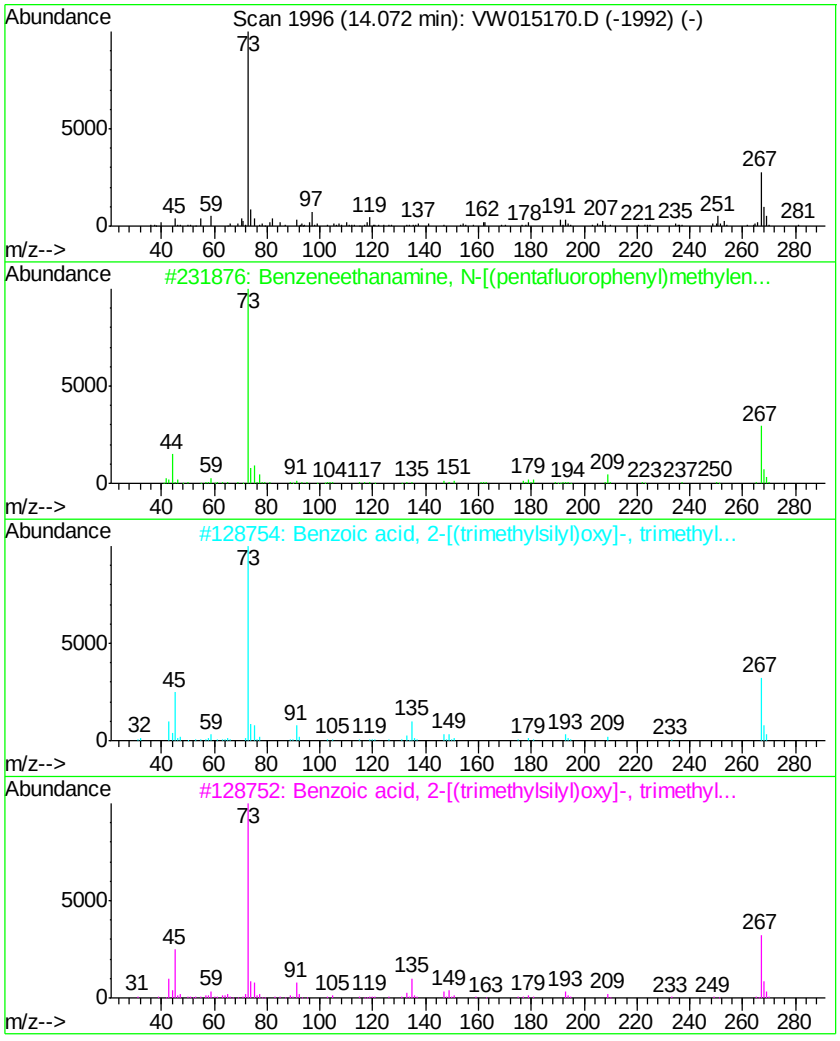
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

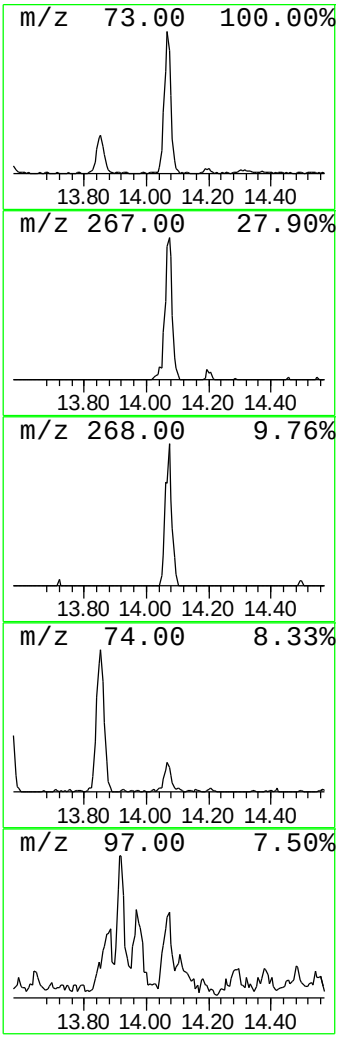
****

Peak Number 6 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.07	1.92 ug/L	112937	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneethanamine, N-[(pentafluo...	475	C21H26F5NO2Si2	055429-85-1	42
2	Benzoic acid, 2-[(trimethylsilyl...	282	C13H22O3Si2	003789-85-3	36
3	Benzoic acid, 2-[(trimethylsilyl...	282	C13H22O3Si2	003789-85-3	25
4	11H-Dibenzo[b,e][1,4]diazepin-11...	267	C16H17N3O	013450-73-2	22
5	1-Boraindane, 3-methyl-1-[1-(tri...	266	C17H23BSi	190316-36-0	12





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Str...	9.89	1.6	ug/L	88320	1	8.84	1385460	25.0
3,4-Bis-(methylth...	11.44	1.3	ug/L	89618	2	11.63	1705100	25.0
unknown-01	14.07	1.9	ug/L	112937	3	13.55	1471550	25.0