LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111520\
Data File : VW017229.D
Acq On : 15 Nov 2020 11:45
Operator : SY/VA
Sample : VIBLK
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK13

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\SOM2WLM110420S.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	2.160	36	42	45	rBV3	970	1902	0.11%	0.017%
2	2.209	45	50	53	rBV4	1899	3975	0.23%	0.036%
3	2.349	67	73	85	rBV	100872	183870	10.66%	1.650%
4	2.891	155	162	175	rVB	73871	174913	10.14%	1.569%
5	3.379	239	242	244	rBV2	878	1317	0.08%	0.012%
6	3.428	248	250	258	rVB2	401	661	0.04%	0.006%
7	3.531	265	267	271	rVB	312	346	0.02%	0.003%
8	3.568	271	273	277	rBV2	271	423	0.02%	0.004%
9	3.806	307	312	314	rBV2	230	320	0.02%	0.003%
10	4.019	334	347	367	rBV	156804	459472	26.64%	4.122%
11	4.190	374	375	376	rBV	493	359	0.02%	0.003%
12	4.306	391	394	397	rBV2	274	349	0.02%	0.003%
13	4.379	397	406	409	rBV3	1247	3079	0.18%	0.028%
14	4.543	431	433	436	rVV2	387	536	0.03%	0.005%
15	4.586	438	440	443	rVV3	505	545	0.03%	0.005%
16	4.641	446	449	451	rVV3	331	460	0.03%	0.004%
17	4.915	484	494	510	rBV3	9276	31293	1.81%	0.281%
18	5.129	520	529	534	rBV3	939	2533	0.15%	0.023%
19	5.263	547	551	554	rBV3	258	473	0.03%	0.004%
20	5.415	574	576	577	rBV	324	284	0.02%	0.003%
21	5.440	578	580	582	rVV2	561	452	0.03%	0.004%
22	5.726	624	627	629	rBV2	316	448	0.03%	0.004%
23	5.745	629	630	631	rVV	502	300	0.02%	0.003%
24	5.763	631	633	638	rVB4	939	1215	0.07%	0.011%
25	5.940	655	662	672	rBV6	3795	11321	0.66%	0.102%
26	6.403	736	738	741	rBV2	223	287	0.02%	0.003%
27	6.933	821	825	826	rBV2	329	291	0.02%	0.003%
28	6.952	826	828	831	rVB2	339	332	0.02%	0.003%
29	7.098	843	852	857	rBV	29241	83165	4.82%	0.746%
30	7.427	905	906	910	rVB2	318	300	0.02%	0.003%
31	7.519	919	921	923	rBV2	290	286	0.02%	0.003%
32	7.555	923	927	929	rVB4	264	310	0.02%	0.003%
33	7.653	933	943	955	rBV	233241	566837	32.87%	5.086%
34	7.787	963	965	968	rVB3	270	296	0.02%	0.003%

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK13

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\SOM2WLM110420S.M
Title : VOC Analysis

35	7.878	975	980	983	rVV4	463	944	0.05%	0.008%
36	7.951	986	992	1000	rVB5	1061	2622	0.15%	0.024%
37	8.061	1007	1010	1012	rBV4	304	316	0.02%	0.003%
38	8.079	1012	1013	1016	rVB2	382	395	0.02%	0.004%
39	8.275	1032	1045	1063	rBV3	534264	1724665	100.00%	15.474%
40	8.396	1063	1065	1071	rVB5	862	1381	0.08%	0.012%
41	8.482	1076	1079	1080	rBV	406	353	0.02%	0.003%
42	8.689	1110	1113	1115	rBV	460	642	0.04%	0.006%
43	8.848	1128	1139	1150	rBV	457874	904057	52.42%	8.111%
44	9.085	1172	1178	1185	rBV7	2090	4872	0.28%	0.044%
45	9.134	1185	1186	1188	rVB	456	298	0.02%	0.003%
46	9.280	1199	1210	1219	rBV	287655	583859	33.85%	5.238%
47	9.469	1236	1241	1246	rBV3	457	933	0.05%	0.008%
48	9.537	1249	1252	1253	rBV3	487	377	0.02%	0.003%
49	9.567	1256	1257	1259	rBV	398	366	0.02%	0.003%
50	9.634	1266	1268	1269	rBV2	413	336	0.02%	0.003%
51	9.665	1270	1273	1278	rVV5	1133	1935	0.11%	0.017%
52	9.762	1284	1289	1293	rVB5	1735	3273	0.19%	0.029%
53	9.890	1303	1310	1317	rBV4	5345	10993	0.64%	0.099%
54	9.963	1317	1322	1327	rBV5	1558	3227	0.19%	0.029%
55	10.036	1327	1334	1347	rVB	150732	279383	16.20%	2.507%
56	10.219	1358	1364	1367	rBV2	4028	8262	0.48%	0.074%
57	10.250	1367	1369	1374	rVV3	3133	4377	0.25%	0.039%
58	10.329	1374	1382	1389	rVV	634006	1125076	65.23%	10.094%
59	10.390	1389	1392	1398	rVB2	6476	11584	0.67%	0.104%
60	10.579	1417	1423	1432	rBV	95134	167546	9.71%	1.503%
61	10.707	1436	1444	1453	rBV	153430	282750	16.39%	2.537%
62	10.774	1453	1455	1457	rBV2	1013	622	0.04%	0.006%
63	10.859	1463	1469	1473	rBV8	2960	6886	0.40%	0.062%
64	10.926	1474	1480	1492	rVV	120379	212631	12.33%	1.908%
65	11.067	1497	1503	1509	rBV	36300	65654	3.81%	0.589%
66	11.439	1558	1564	1571	rVB	67437	114057	6.61%	1.023%
67	11.634	1589	1596	1608	rBV	647477	1074432	62.30%	9.640%
68	12.048	1662	1664	1665	rVB	1179	574	0.03%	0.005%
69	12.469	1728	1733	1738	rBV9	3838	8292	0.48%	0.074%
70	12.609	1750	1756	1763	rBV	139601	236013	13.68%	2.118%
71	12.694	1763	1770	1778	rVV	241436	405508	23.51%	3.638%

LSC Area Percent Report

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Operator : SY/VA
Sample : VIBLK
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK13

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\SOM2WLM110420S.M
Title : VOC Analysis

72	12.932	1805	1809	1813	rBV2	17307	30154	1.75%	0.271%
73	13.298	1864	1869	1873	rBV2	18927	34784	2.02%	0.312%
74	13.560	1906	1912	1929	rVB	661725	1083258	62.81%	9.719%
75	13.761	1941	1945	1949	rBV7	4890	10417	0.60%	0.093%
76	13.853	1954	1960	1974	rVB	612729	1011512	58.65%	9.075%
77	14.072	1990	1996	2009	rVB	45232	81325	4.72%	0.730%
78	14.200	2015	2017	2021	rVB5	2086	2538	0.15%	0.023%
79	14.359	2041	2043	2051	rVB7	3345	5499	0.32%	0.049%
80	14.633	2085	2088	2093	rVB6	1806	2733	0.16%	0.025%
81	14.725	2101	2103	2108	rVB4	3740	4892	0.28%	0.044%
82	14.792	2111	2114	2119	rVB5	1103	1793	0.10%	0.016%
83	14.907	2131	2133	2136	rBV4	667	842	0.05%	0.008%
84	15.036	2151	2154	2156	rBV3	674	777	0.05%	0.007%
85	15.072	2156	2160	2161	rBV4	941	1120	0.06%	0.010%
86	15.176	2175	2177	2184	rVB6	2569	4593	0.27%	0.041%
87	15.249	2187	2189	2191	rBV3	643	692	0.04%	0.006%
88	15.371	2206	2209	2210	rBV3	665	801	0.05%	0.007%
89	15.438	2212	2220	2226	rBV	17655	32452	1.88%	0.291%
90	15.499	2226	2230	2235	rVB	4444	7472	0.43%	0.067%
91	15.663	2251	2257	2258	rBV5	1422	2200	0.13%	0.020%
92	15.785	2267	2277	2278	rBV5	3208	7417	0.43%	0.067%
93	15.950	2300	2304	2310	rBV7	2852	5831	0.34%	0.052%
94	16.011	2311	2314	2318	rBV5	1849	3027	0.18%	0.027%
95	16.169	2335	2340	2347	rVB9	2901	6073	0.35%	0.054%
96	16.249	2351	2353	2360	rBV5	655	1141	0.07%	0.010%
97	16.340	2364	2368	2369	rBV4	1379	1710	0.10%	0.015%
98	16.438	2381	2384	2389	rBV5	1777	2621	0.15%	0.024%
99	16.645	2409	2418	2425	rBV9	3920	15121	0.88%	0.136%
100	16.773	2437	2439	2440	rVB2	973	498	0.03%	0.004%

Sum of corrected areas: 11145734

LSC Report - Integrated Chromatogram

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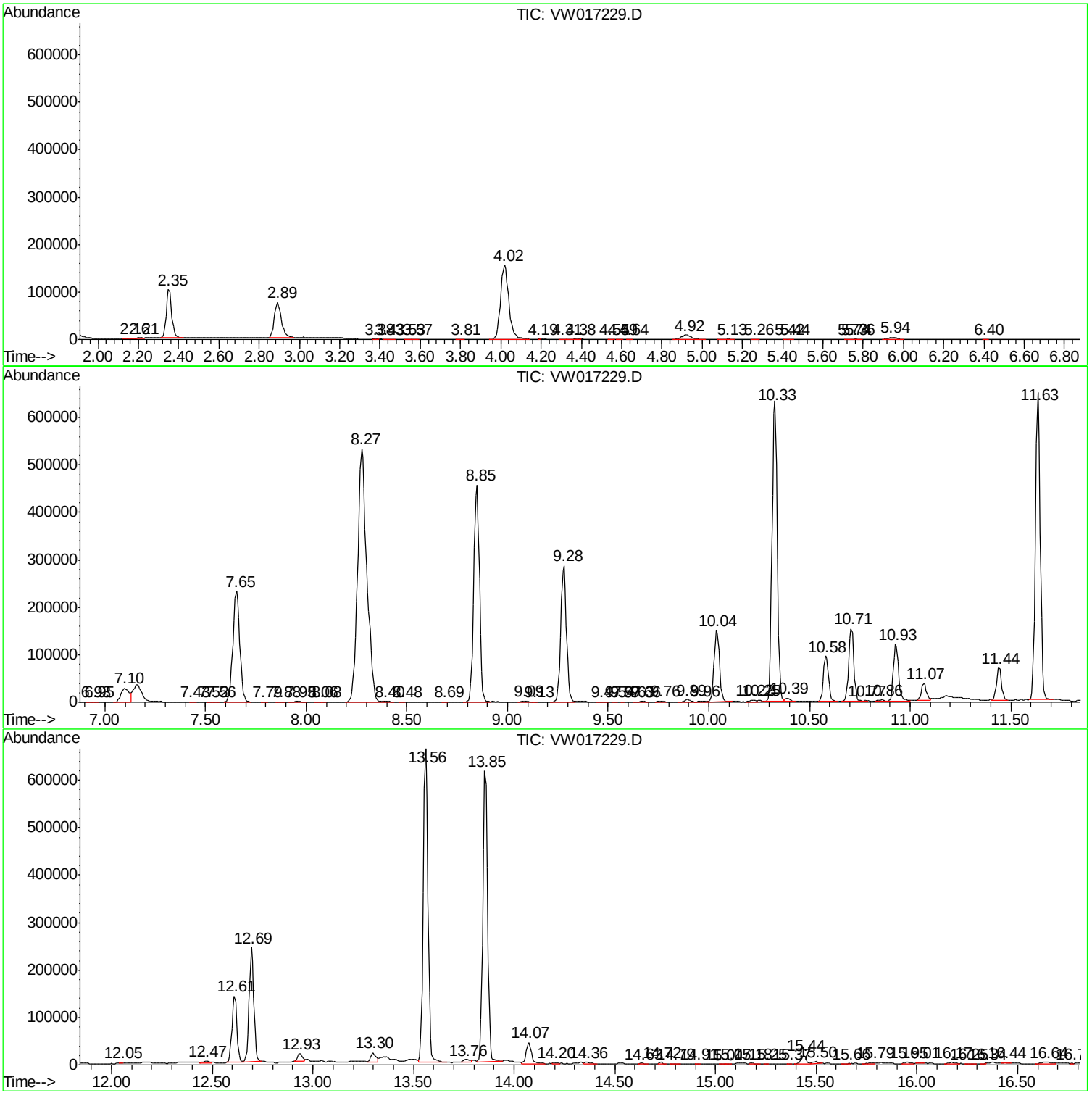
Sample : VIBLK
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK13

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.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_W\DATA\VW111520\
Data File : VW017229.D
Acq On : 15 Nov 2020 11:45
Operator : SY/VA
Sample : VIBLK
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK13

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
Quant Title : VOC Analysis

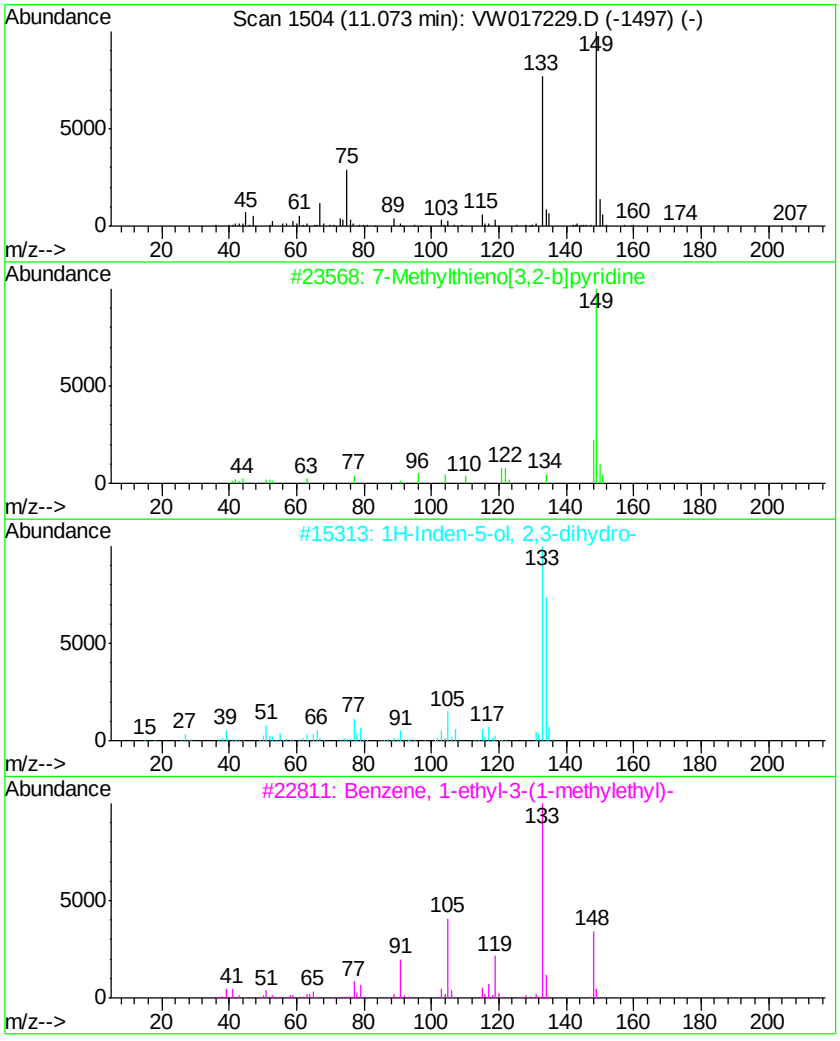
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

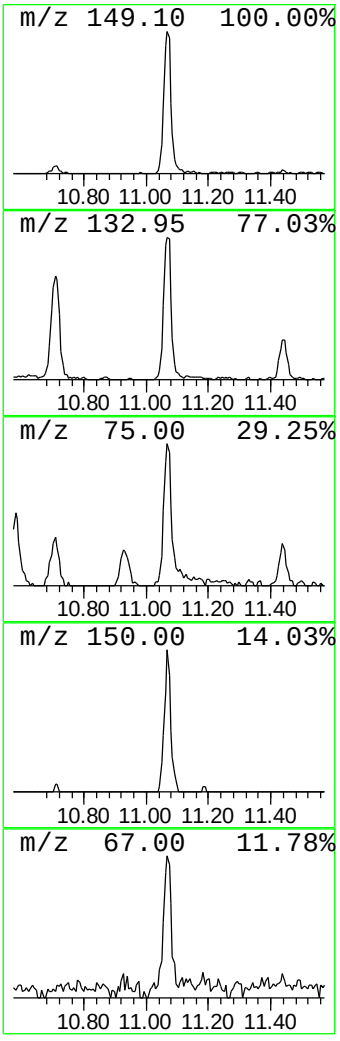
****

Peak Number 3 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.07	1.53 ug/L	65654	Chlorobenzene-d5	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Methylthieno[3,2-b]pyridine	149	C8H7NS	013362-83-9	35
2	1H-Inden-5-ol, 2,3-dihydro-	134	C9H10O	001470-94-6	27
3	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	27
4	4-Ethylbenzoic acid, 4-methylpen...	234	C15H22O2	1000293-49-7	25
5	4-Ethylbenzoic acid, cyclohexyl ...	232	C15H20O2	1000293-32-1	25





Library Search Compound Report

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK13

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
Quant Title : VOC Analysis

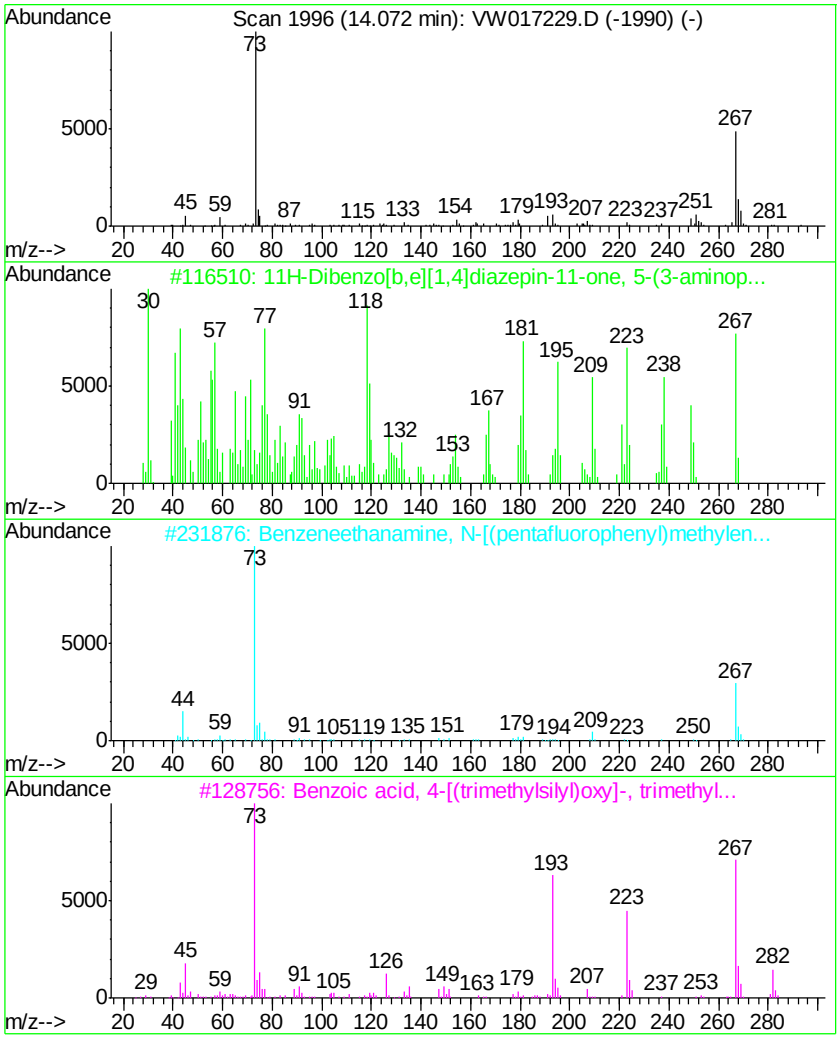
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

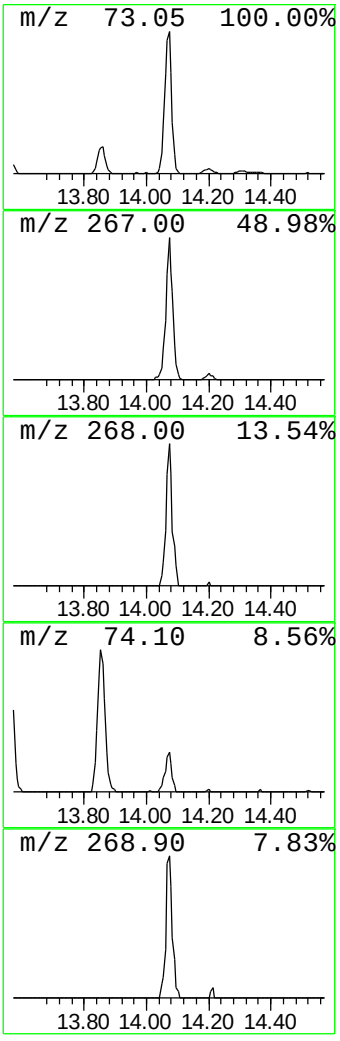
****

Peak Number 6 unknown-02 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.07	1.88 ug/L	81325	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Dibenzo[b,e][1,4]diazepin-11...	267	C16H17N3O	013450-73-2	46
2	Benzeneethanamine, N-[(pentafluo...	475	C21H26F5NO2Si2	055429-85-1	37
3	Benzoic acid, 4-[(trimethylsilyl...	282	C13H22O3Si2	002078-13-9	33
4	3,5-Dimethoxyphenylacetic acid, ...	268	C13H20O4Si	1000071-82-4	14
5	Pyrimidine-5-carboxylic acid, 4,...	266	C8H8Cl2N2O2S	1000196-46-6	10





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
unknown-01	11.07	1.5	ug/L	65654	2	11.63	1074430	25.0
unknown-02	14.07	1.9	ug/L	81325	3	13.56	1083260	25.0