LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041020\
Data File : VW015181.D
Acq On : 10 Apr 2020 15:42
Operator : SY/VA
Sample : VIBLK15
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK15

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\SOM2WLM041020S.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	2.215	44	51	52	rBV6	36880	70571	1.54%	0.222%
2	2.355	69	74	85	rVB	244358	429136	9.35%	1.347%
3	2.891	157	162	175	rVB	137120	339235	7.39%	1.065%
4	4.019	336	347	364	rBV	420447	1323514	28.84%	4.154%
5	4.391	401	408	414	rVV	14463	38097	0.83%	0.120%
6	4.842	477	482	483	rBV5	2728	3780	0.08%	0.012%
7	4.921	483	495	506	rBV4	20844	80374	1.75%	0.252%
8	5.043	514	515	519	rVB4	3818	3786	0.08%	0.012%
9	5.086	519	522	523	rBV3	2863	3092	0.07%	0.010%
10	5.421	575	577	580	rVV4	3476	3688	0.08%	0.012%
11	5.732	627	628	633	rVV5	3548	5955	0.13%	0.019%
12	5.781	633	636	638	rVV4	3196	4349	0.09%	0.014%
13	5.933	650	661	665	rBV4	9477	27091	0.59%	0.085%
14	6.013	671	674	678	rVB6	2658	4231	0.09%	0.013%
15	6.415	737	740	742	rBV4	3150	4209	0.09%	0.013%
16	6.519	753	757	760	rVV6	2611	3296	0.07%	0.010%
17	6.641	775	777	780	rVB4	2542	3109	0.07%	0.010%
18	6.854	810	812	816	rVB5	3441	4356	0.09%	0.014%
19	6.897	816	819	820	rBV3	3655	3355	0.07%	0.011%
20	6.988	831	834	836	rBV4	3338	3421	0.07%	0.011%
21	7.074	839	848	852	rBV2	92851	239732	5.22%	0.753%
22	7.134	853	858	869	rVB	172152	456533	9.95%	1.433%
23	7.250	875	877	881	rVB4	3284	3446	0.08%	0.011%
24	7.354	891	894	897	rBV5	3545	3794	0.08%	0.012%
25	7.476	909	914	917	rBV6	3199	6263	0.14%	0.020%
26	7.512	918	920	923	rVB4	3013	3057	0.07%	0.010%
27	7.549	923	926	929	rVB4	2331	3090	0.07%	0.010%
28	7.647	932	942	956	rBV	570857	1397538	30.46%	4.387%
29	7.957	992	993	996	rVB3	5300	3644	0.08%	0.011%
30	8.268	1031	1044	1060	rVV3	1454089	4588544	100.00%	14.403%
31	8.390	1062	1064	1068	rVV4	3580	6614	0.14%	0.021%
32	8.604	1096	1099	1100	rBV3	5332	5594	0.12%	0.018%
33	8.622	1100	1102	1106	rVV5	4179	5858	0.13%	0.018%
34	8.841	1128	1138	1148	rVV	1327740	2587294	56.39%	8.121%

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

Instrument : MSVOA_W
ClientSampleId : VIBLK15

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\SOM2WLM041020S.M
Title : VOC Analysis

35	8.933	1151	1153	1156	rVV4	3314	4934	0.11%	0.015%
36	9.085	1175	1178	1183	rVB7	3880	7321	0.16%	0.023%
37	9.152	1185	1189	1191	rBV5	2196	3276	0.07%	0.010%
38	9.177	1191	1193	1197	rVB5	2419	3397	0.07%	0.011%
39	9.274	1200	1209	1219	rBV	785013	1587119	34.59%	4.982%
40	9.445	1233	1237	1238	rBV4	3267	2987	0.07%	0.009%
41	9.890	1304	1310	1315	rBV4	14409	26147	0.57%	0.082%
42	9.951	1315	1320	1325	rBV8	8435	19093	0.42%	0.060%
43	10.030	1326	1333	1344	rVB	471317	876292	19.10%	2.751%
44	10.207	1359	1362	1364	rBV4	6687	9203	0.20%	0.029%
45	10.323	1373	1381	1388	rBV	1776561	3153373	68.72%	9.898%
46	10.518	1409	1413	1416	rBV6	2926	5804	0.13%	0.018%
47	10.573	1416	1422	1430	rBV	300834	527020	11.49%	1.654%
48	10.701	1435	1443	1459	rVB	730171	1342262	29.25%	4.213%
49	10.847	1462	1467	1470	rBV7	4442	7408	0.16%	0.023%
50	10.920	1473	1479	1490	rBV	376905	641846	13.99%	2.015%
51	11.061	1495	1502	1509	rVV	253685	407787	8.89%	1.280%
52	11.176	1516	1521	1525	rVV7	9737	13702	0.30%	0.043%
53	11.335	1542	1547	1552	rVB9	3901	6860	0.15%	0.022%
54	11.384	1552	1555	1556	rBV3	2732	2971	0.06%	0.009%
55	11.439	1556	1564	1571	rVB	449937	762673	16.62%	2.394%
56	11.628	1588	1595	1607	rVV	1763834	2978995	64.92%	9.351%
57	11.835	1627	1629	1631	rVV3	4634	3719	0.08%	0.012%
58	11.865	1632	1634	1638	rVB5	3751	4902	0.11%	0.015%
59	11.981	1651	1653	1656	rVB3	4233	4090	0.09%	0.013%
60	12.024	1656	1660	1661	rBV4	3602	4215	0.09%	0.013%
61	12.054	1663	1665	1668	rVB4	3225	2998	0.07%	0.009%
62	12.121	1671	1676	1677	rBV4	5337	4727	0.10%	0.015%
63	12.176	1684	1685	1688	rVB3	5579	4239	0.09%	0.013%
64	12.243	1693	1696	1701	rVB7	3329	5040	0.11%	0.016%
65	12.365	1712	1716	1721	rVB8	6091	12032	0.26%	0.038%
66	12.603	1744	1755	1763	rBV	434574	747052	16.28%	2.345%
67	12.688	1763	1769	1776	rBV	541485	905457	19.73%	2.842%
68	12.749	1776	1779	1789	rVB2	17228	34734	0.76%	0.109%
69	12.859	1793	1797	1799	rVV5	4522	6559	0.14%	0.021%
70	12.932	1802	1809	1818	rBV	136200	225575	4.92%	0.708%
71	13.036	1824	1826	1828	rVB3	3557	3453	0.08%	0.011%

LSC Area Percent Report

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

Instrument : MSVOA_W
ClientSampleId : VIBLK15

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\SOM2WLM041020S.M
Title : VOC Analysis

72	13.066	1828	1831	1832	rBV3	3810	3300	0.07%	0.010%
73	13.115	1837	1839	1842	rBV4	3854	3940	0.09%	0.012%
74	13.188	1850	1851	1856	rVV4	4780	5717	0.12%	0.018%
75	13.249	1856	1861	1863	rVV6	7497	13526	0.29%	0.042%
76	13.292	1863	1868	1875	rVB	171433	264547	5.77%	0.830%
77	13.402	1883	1886	1890	rBV4	6646	9206	0.20%	0.029%
78	13.469	1893	1897	1902	rBV7	12768	22289	0.49%	0.070%
79	13.554	1905	1911	1923	rVB	1662290	2705089	58.95%	8.491%
80	13.755	1941	1944	1948	rBV6	9290	17727	0.39%	0.056%
81	13.853	1953	1960	1972	rVB	1398936	2317044	50.50%	7.273%
82	14.017	1983	1987	1988	rBV4	5185	6882	0.15%	0.022%
83	14.066	1990	1995	2004	rVB2	101514	179962	3.92%	0.565%
84	14.194	2012	2016	2022	rVB2	17349	27066	0.59%	0.085%
85	14.310	2025	2035	2036	rBV6	13351	25749	0.56%	0.081%
86	14.365	2040	2044	2047	rVB2	16756	23329	0.51%	0.073%
87	14.499	2064	2066	2067	rBV2	3300	3197	0.07%	0.010%
88	14.633	2082	2088	2094	rBV2	5818	15030	0.33%	0.047%
89	14.725	2099	2103	2108	rVV2	21829	35845	0.78%	0.113%
90	14.786	2110	2113	2117	rBV6	3594	5349	0.12%	0.017%
91	15.127	2167	2169	2175	rVB7	5003	6735	0.15%	0.021%
92	15.353	2203	2206	2210	rBV6	4843	8579	0.19%	0.027%
93	15.438	2215	2220	2225	rVB	57313	92850	2.02%	0.291%
94	15.554	2236	2239	2240	rBV3	4315	4709	0.10%	0.015%
95	15.761	2269	2273	2276	rBV6	7292	10974	0.24%	0.034%
96	15.846	2284	2287	2289	rBV4	3848	3820	0.08%	0.012%
97	16.078	2322	2325	2327	rBV4	4375	5283	0.12%	0.017%
98	16.102	2327	2329	2331	rVB2	4113	3079	0.07%	0.010%
99	16.218	2346	2348	2353	rBV6	2496	4103	0.09%	0.013%
100	16.261	2353	2355	2358	rBV4	2977	3539	0.08%	0.011%

Sum of corrected areas: 31857373

LSC Report - Integrated Chromatogram

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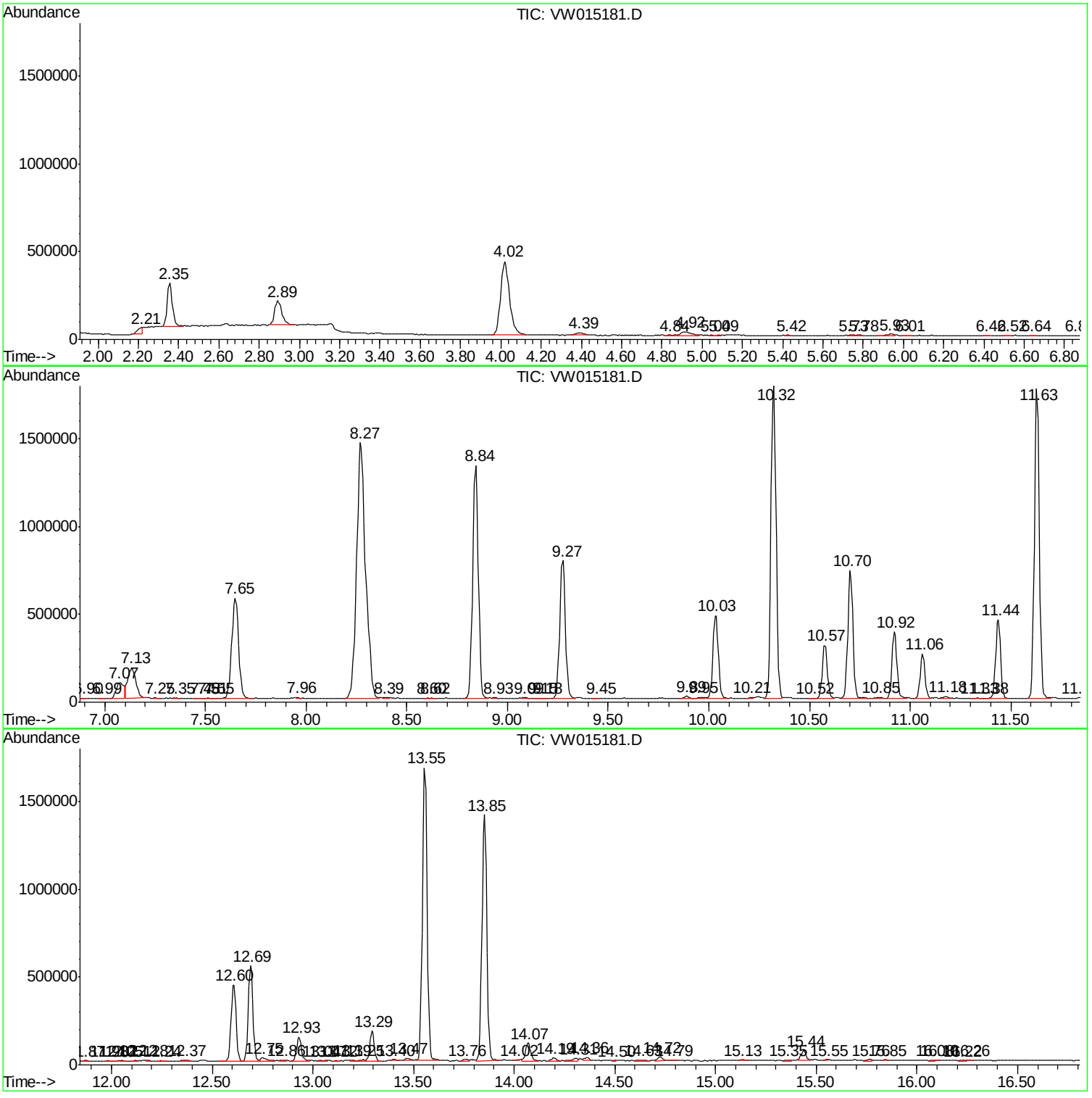
Sample : VIBLK15
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK15

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041020S.M
Quant Title : VOC Analysis

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW041020\
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Acq On : 10 Apr 2020 15:42
Operator : SY/VA
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Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK15

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041020S.M
Quant Title : VOC Analysis

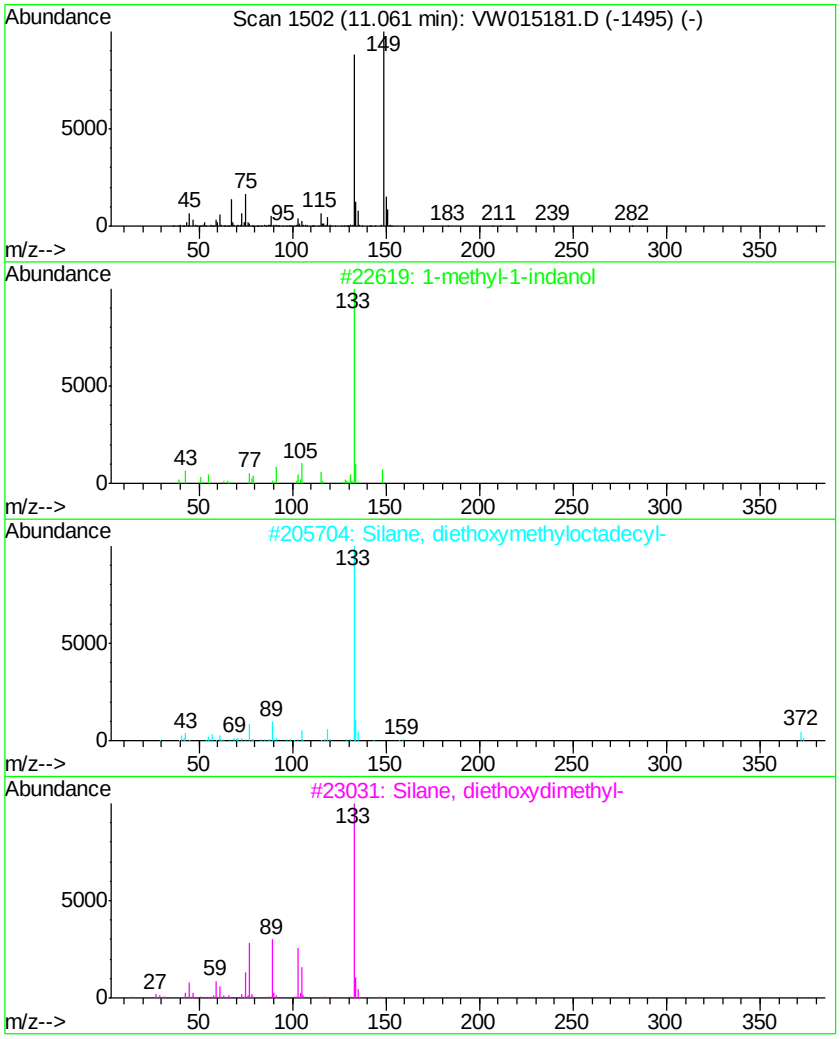
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

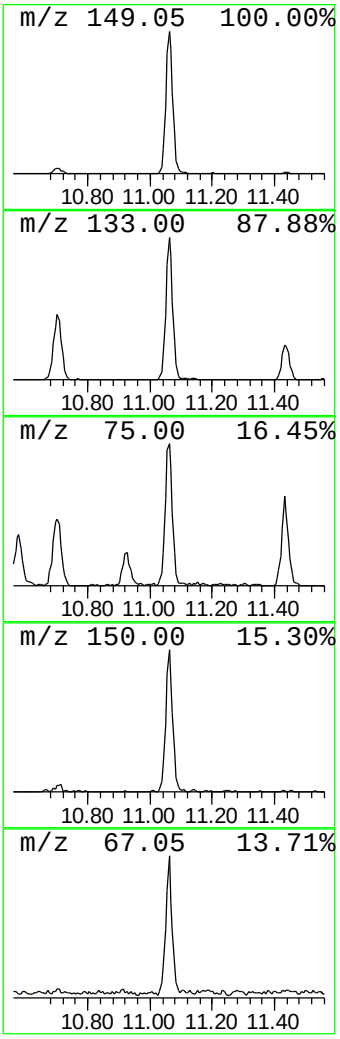
****

Peak Number 4 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.06	3.42 ug/L	407787	Chlorobenzene-d5	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-methyl-1-indanol	148	C10H12O	064666-42-8	35
2	Silane, diethoxymethyloctadecyl-	386	C23H50O2Si	067859-75-0	32
3	Silane, diethoxydimethyl-	148	C6H16O2Si	000078-62-6	32
4	1H-Benzotriazole, 5-methoxy-	149	C7H7N3O	027799-91-3	23
5	4-Ethylbenzoic acid, cyclohexyl ...	232	C15H20O2	1000293-32-1	23





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW041020\
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Acq On : 10 Apr 2020 15:42
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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK15

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041020S.M
Quant Title : VOC Analysis

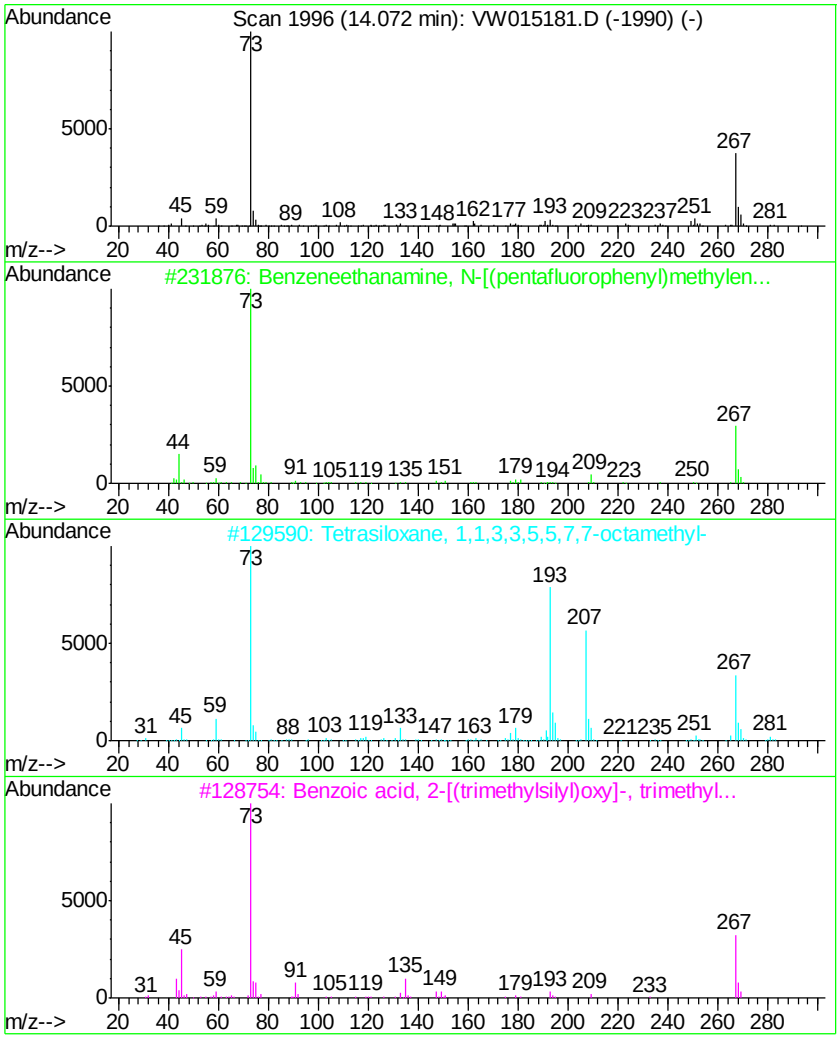
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

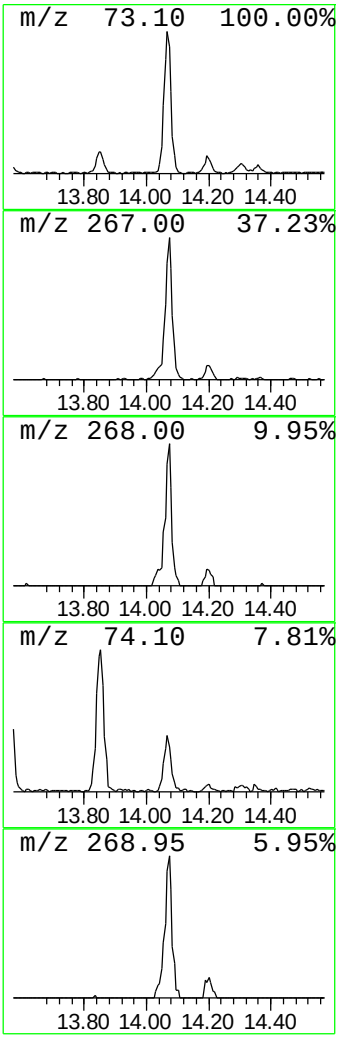
****

Peak Number 9 Benzeneethanamine, N-[(pent... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.07	1.66 ug/L	179962	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneethanamine, N-[(pentafluo...	475	C21H26F5NO2Si2	055429-85-1	64
2	Tetrasiloxane, 1,1,3,3,5,5,7,7-o...	282	C8H26O3Si4	001000-05-1	43
3	Benzoic acid, 2-[(trimethylsilyl...	282	C13H22O3Si2	003789-85-3	36
4	Benzoic acid, 2-[(trimethylsilyl...	282	C13H22O3Si2	003789-85-3	33
5	1-(3-Chlorophenyl)piperazine, 4-...	268	C13H21ClN2Si	1000373-99-3	12





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
unknown-01	11.06	3.4	ug/L	407787	2	11.63	2979000	25.0
Benzeneethanamine...	14.07	1.7	ug/L	179962	3	13.55	2705090	25.0