LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW040720\
Data File : VW015161.D
Acq On : 07 Apr 2020 15:58
Operator : SY/VA
Sample : VIBLK10
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK10

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	232693	397415	13.93%	1.901%
2	2.666	121	125	127	rBV4	8026	13219	0.46%	0.063%
3	2.891	155	162	176	rVB	170945	410623	14.39%	1.964%
4	3.263	219	223	228	rBV8	2672	4881	0.17%	0.023%
5	3.397	236	245	255	rVB5	7022	19628	0.69%	0.094%
6	3.507	261	263	267	rBV4	1481	1989	0.07%	0.010%
7	3.684	287	292	300	rVB6	4310	9986	0.35%	0.048%
8	4.019	334	347	362	rBV2	331353	1001364	35.10%	4.790%
9	4.409	399	411	420	rBV4	6375	25894	0.91%	0.124%
10	4.672	446	454	456	rBV3	5168	11500	0.40%	0.055%
11	4.915	483	494	509	rBV2	32803	124764	4.37%	0.597%
12	5.281	551	554	557	rBV4	1360	1865	0.07%	0.009%
13	5.373	560	569	570	rBV8	3118	5842	0.20%	0.028%
14	5.427	570	578	585	rVV8	8077	24079	0.84%	0.115%
15	5.476	585	586	591	rVB5	2095	1881	0.07%	0.009%
16	5.598	603	606	608	rVB4	1583	1922	0.07%	0.009%
17	5.757	626	632	639	rVB9	3155	8888	0.31%	0.043%
18	5.860	647	649	654	rBV5	1742	1939	0.07%	0.009%
19	5.946	654	663	674	rVV2	19487	60880	2.13%	0.291%
20	6.226	697	709	711	rBV6	3928	10960	0.38%	0.052%
21	6.470	745	749	751	rVV4	1295	1735	0.06%	0.008%
22	6.933	823	825	828	rVB4	1326	1768	0.06%	0.008%
23	7.080	841	849	854	rBV	63479	179087	6.28%	0.857%
24	7.263	876	879	880	rBV3	1533	1869	0.07%	0.009%
25	7.427	903	906	910	rVB5	1329	1638	0.06%	0.008%
26	7.512	910	920	921	rBV8	5338	12385	0.43%	0.059%
27	7.647	932	942	957	rBV	476098	1172371	41.09%	5.609%
28	7.878	972	980	985	rVV8	6813	16496	0.58%	0.079%
29	7.951	985	992	999	rVV8	14060	35437	1.24%	0.170%
30	8.073	1002	1012	1020	rVB10	9649	38434	1.35%	0.184%
31	8.275	1032	1045	1060	rBV2	966916	2853170	100.00%	13.649%
32	8.409	1063	1067	1075	rVB6	5454	12528	0.44%	0.060%
33	8.683	1108	1112	1119	rVB7	2069	4086	0.14%	0.020%
34	8.841	1128	1138	1148	rBV	924781	1776617	62.27%	8.499%

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ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK10

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

35	9.085	1171	1178	1186	rVB7	9539	23193	0.81%	0.111%
36	9.274	1200	1209	1216	rBV	679133	1358419	47.61%	6.499%
37	9.457	1232	1239	1245	rVB	5666	13551	0.47%	0.065%
38	9.646	1262	1270	1276	rBV6	7176	16791	0.59%	0.080%
39	9.756	1281	1288	1295	rVB4	9949	20587	0.72%	0.098%
40	9.890	1303	1310	1314	rBV3	28059	62846	2.20%	0.301%
41	10.036	1324	1334	1346	rBV	315671	586445	20.55%	2.806%
42	10.213	1357	1363	1366	rBV2	20041	38605	1.35%	0.185%
43	10.244	1366	1368	1373	rVV2	16606	27522	0.96%	0.132%
44	10.323	1373	1381	1389	rVV	1321318	2268662	79.51%	10.853%
45	10.384	1389	1391	1403	rVB	21293	34291	1.20%	0.164%
46	10.579	1416	1423	1432	rBV	201309	371652	13.03%	1.778%
47	10.701	1433	1443	1449	rVV2	87006	170452	5.97%	0.815%
48	10.774	1449	1455	1462	rVB7	10676	31706	1.11%	0.152%
49	10.853	1462	1468	1473	rVB6	13788	26540	0.93%	0.127%
50	10.926	1473	1480	1494	rBV	248421	460728	16.15%	2.204%
51	11.061	1494	1502	1508	rBV	35931	65960	2.31%	0.316%
52	11.176	1517	1521	1526	rVB2	18476	30752	1.08%	0.147%
53	11.231	1526	1530	1536	rVB5	7504	13286	0.47%	0.064%
54	11.280	1536	1538	1542	rBV4	2222	2671	0.09%	0.013%
55	11.335	1543	1547	1551	rBV6	3457	6284	0.22%	0.030%
56	11.439	1560	1564	1571	rVB2	17876	30406	1.07%	0.145%
57	11.493	1571	1573	1577	rBV4	1296	1820	0.06%	0.009%
58	11.628	1585	1595	1607	rBV	1272601	2181698	76.47%	10.437%
59	11.725	1607	1611	1621	rVB	25996	53213	1.87%	0.255%
60	11.835	1621	1629	1635	rBV	25084	60631	2.13%	0.290%
61	11.987	1648	1654	1655	rBV5	942	2163	0.08%	0.010%
62	12.054	1662	1665	1670	rVB7	3195	5883	0.21%	0.028%
63	12.134	1672	1678	1679	rBV4	9316	12359	0.43%	0.059%
64	12.170	1680	1684	1692	rVV5	18016	42272	1.48%	0.202%
65	12.256	1695	1698	1701	rVB4	2997	4281	0.15%	0.020%
66	12.347	1706	1713	1723	rVV4	7554	27151	0.95%	0.130%
67	12.463	1728	1732	1737	rBV3	16535	27084	0.95%	0.130%
68	12.609	1750	1756	1762	rVB2	71288	123951	4.34%	0.593%
69	12.688	1762	1769	1776	rBV	377910	645254	22.62%	3.087%
70	12.749	1776	1779	1784	rVV4	7226	13603	0.48%	0.065%
71	12.890	1799	1802	1805	rBV2	8393	10824	0.38%	0.052%

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ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK10

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	12.938	1806	1810	1813	rBV3	19472	32136	1.13%	0.154%
73	13.036	1824	1826	1829	rVB4	2037	1797	0.06%	0.009%
74	13.079	1829	1833	1837	rBV7	5165	7723	0.27%	0.037%
75	13.121	1837	1840	1843	rBV5	2541	3661	0.13%	0.018%
76	13.164	1843	1847	1849	rVV2	9462	11866	0.42%	0.057%
77	13.207	1850	1854	1856	rVV4	12822	21845	0.77%	0.105%
78	13.249	1857	1861	1865	rVV	25451	42827	1.50%	0.205%
79	13.292	1865	1868	1872	rVB7	4672	6448	0.23%	0.031%
80	13.377	1878	1882	1890	rBV2	14335	27765	0.97%	0.133%
81	13.493	1896	1901	1905	rBV3	24165	41943	1.47%	0.201%
82	13.554	1905	1911	1925	rVB	1073993	1783744	62.52%	8.533%
83	13.755	1942	1944	1948	rVB5	4225	5202	0.18%	0.025%
84	13.853	1951	1960	1972	rVV	931621	1569987	55.03%	7.511%
85	13.944	1973	1975	1981	rVB3	5994	7839	0.27%	0.038%
86	14.066	1991	1995	2007	rVB3	39037	92249	3.23%	0.441%
87	14.334	2035	2039	2043	rBV7	5744	11104	0.39%	0.053%
88	14.792	2109	2114	2121	rBV2	13690	25342	0.89%	0.121%
89	15.066	2156	2159	2161	rVB4	1900	1994	0.07%	0.010%
90	15.096	2161	2164	2165	rBV3	1765	1884	0.07%	0.009%
91	15.127	2166	2169	2175	rVB7	5638	9253	0.32%	0.044%
92	15.231	2181	2186	2192	rVB9	7319	11880	0.42%	0.057%
93	15.365	2206	2208	2212	rVB3	3538	4604	0.16%	0.022%
94	15.401	2212	2214	2215	rBV2	1803	1702	0.06%	0.008%
95	15.438	2215	2220	2225	rVB3	20106	33164	1.16%	0.159%
96	15.554	2235	2239	2246	rVB8	6127	13374	0.47%	0.064%
97	15.700	2257	2263	2267	rVB8	2205	4921	0.17%	0.024%
98	15.798	2277	2279	2283	rVB5	2337	2918	0.10%	0.014%
99	15.840	2283	2286	2287	rBV3	1541	1789	0.06%	0.009%
100	16.041	2317	2319	2322	rBV3	1435	1728	0.06%	0.008%

Sum of corrected areas: 20903365

LSC Report - Integrated Chromatogram

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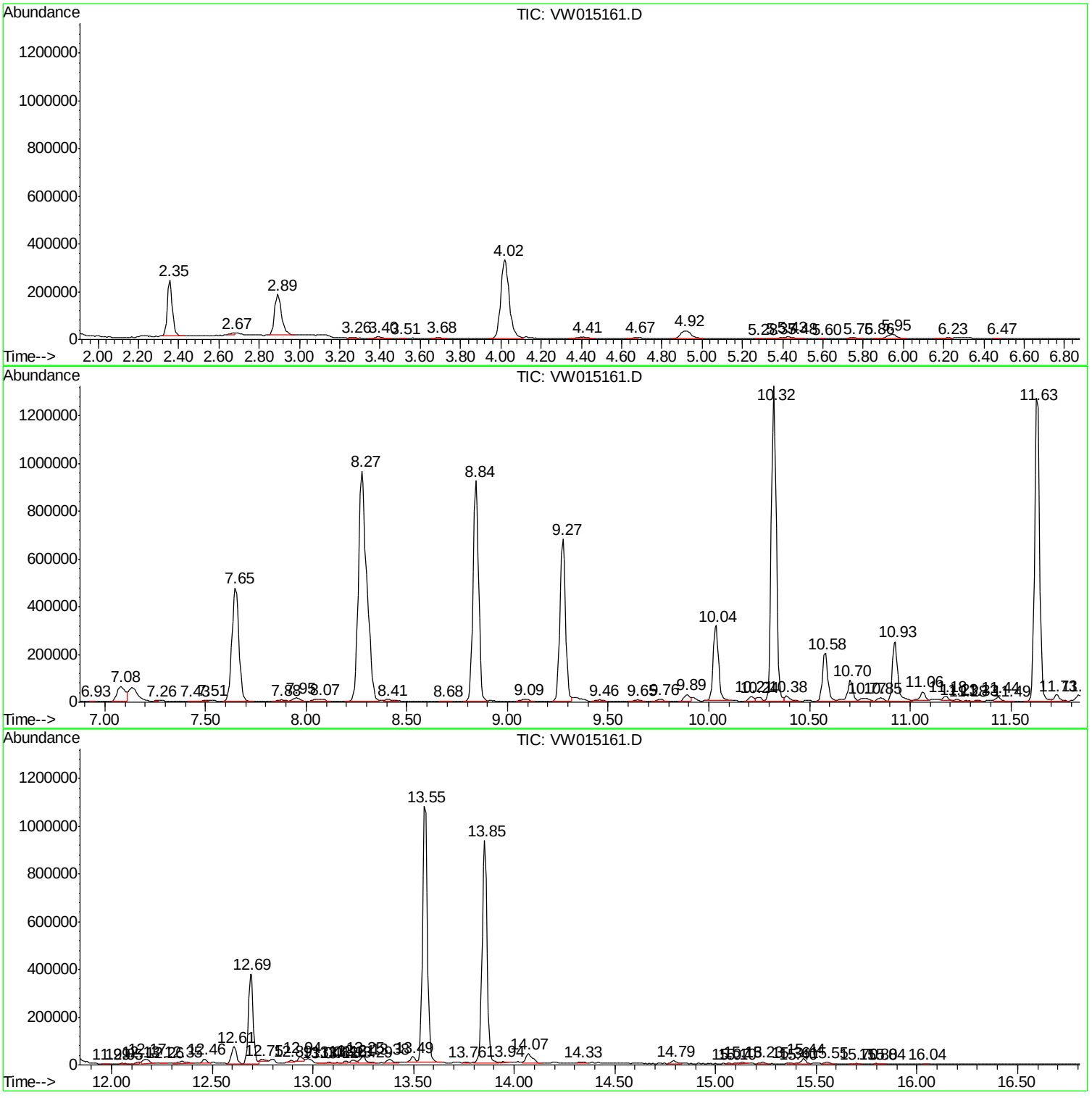
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK10

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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Instrument : MSVOA_W
ClientSampleId : VIBLK10

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

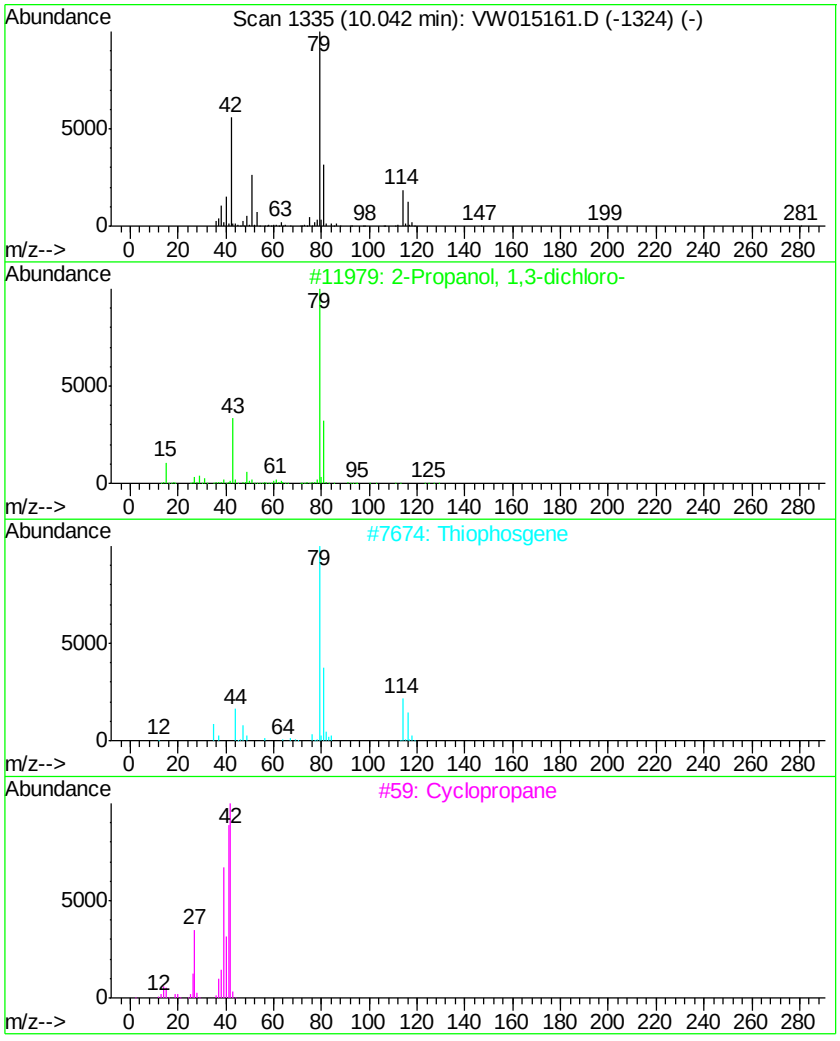
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

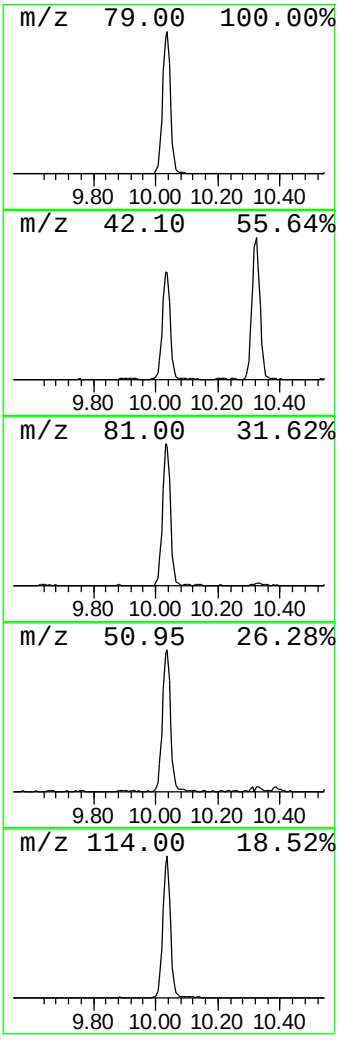
****

Peak Number 1 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.04	8.25 ug/L	586445	1,4-Difluorobenzene	8.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1,3-dichloro-	128	C3H6Cl2O	000096-23-1	17
2	Thiophosgene	114	CCl2S	000463-71-8	12
3	Cyclopropane	42	C3H6	000075-19-4	9
4	Cyclopropene, 3-methyl-3-vinyl-	80	C6H8	071153-30-5	9
5	Cyclopropane	42	C3H6	000075-19-4	9





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

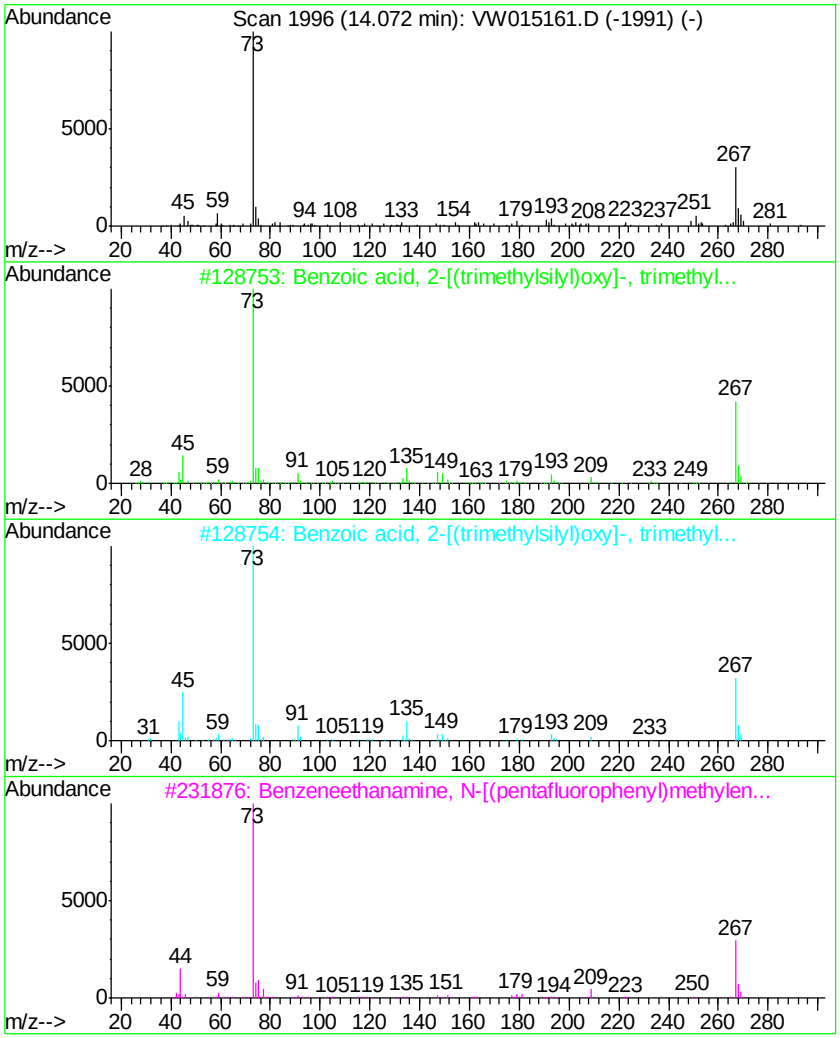
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

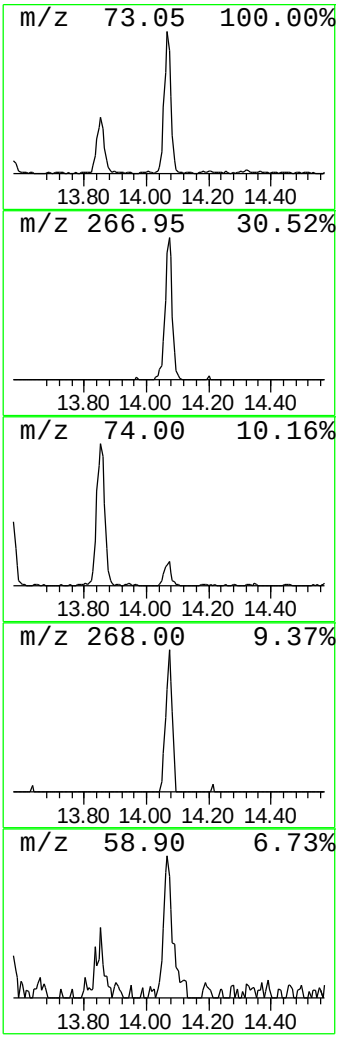
****

Peak Number 4 unknown-02 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.07	1.29 ug/L	92249	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 2-[(trimethylsilyl...	282	C13H22O3Si2	003789-85-3	45
2	Benzoic acid, 2-[(trimethylsilyl...	282	C13H22O3Si2	003789-85-3	45
3	Benzeneethanamine, N-[(pentafluo...	475	C21H26F5NO2Si2	055429-85-1	40
4	Benzoic acid, 2-[(trimethylsilyl...	282	C13H22O3Si2	003789-85-3	33
5	4-Methylcatechol, bis(trimethyls...	268	C13H24O2Si2	1000332-79-9	27





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	10.04	8.3	ug/L	586445	1	8.84	1776620	25.0
unknown-02	14.07	1.3	ug/L	92249	3	13.56	1783740	25.0