LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090320\
Data File : VW016454.D
Acq On : 03 Sep 2020 18:30
Operator : SY/VA
Sample : VIBLK19
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK19

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\SOM2WLM090320S.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	2.239	48	55	56	rBV6	12226	27508	0.96%	0.122%
2	2.361	70	75	85	rVB	148663	321230	11.26%	1.430%
3	2.898	157	163	178	rVB	126503	335689	11.77%	1.494%
4	3.398	241	245	256	rVB4	5979	14498	0.51%	0.065%
5	3.849	317	319	323	rBV5	1541	2337	0.08%	0.010%
6	3.946	333	335	337	rBV3	1642	1671	0.06%	0.007%
7	4.026	337	348	371	rVV	303606	957636	33.58%	4.262%
8	4.239	381	383	385	rBV3	1811	1626	0.06%	0.007%
9	4.300	391	393	397	rBV5	1058	1583	0.06%	0.007%
10	4.385	403	407	409	rBV5	3740	6447	0.23%	0.029%
11	4.574	436	438	442	rVB5	1355	1412	0.05%	0.006%
12	4.727	460	463	466	rVB5	1316	1498	0.05%	0.007%
13	4.922	482	495	512	rVV2	37959	146079	5.12%	0.650%
14	5.440	570	580	588	rBV9	6918	22924	0.80%	0.102%
15	5.757	628	632	638	rVV8	4141	9706	0.34%	0.043%
16	5.903	653	656	657	rBV2	2039	1596	0.06%	0.007%
17	5.946	657	663	675	rVB3	10562	33699	1.18%	0.150%
18	6.129	690	693	695	rBV4	1147	1741	0.06%	0.008%
19	6.239	700	711	713	rBV9	3835	9519	0.33%	0.042%
20	6.434	740	743	746	rBV5	1344	1549	0.05%	0.007%
21	6.708	785	788	791	rBV5	1529	1825	0.06%	0.008%
22	6.879	813	816	817	rBV3	1914	1691	0.06%	0.008%
23	6.921	820	823	825	rVV4	1499	2204	0.08%	0.010%
24	7.080	839	849	853	rVV	80780	212637	7.46%	0.946%
25	7.135	853	858	873	rVB	146705	419991	14.73%	1.869%
26	7.324	885	889	890	rVB4	1552	1471	0.05%	0.007%
27	7.354	892	894	896	rVV3	1426	1406	0.05%	0.006%
28	7.433	904	907	910	rBV4	1371	2110	0.07%	0.009%
29	7.525	912	922	931	rVV4	4344	12872	0.45%	0.057%
30	7.653	932	943	957	rVB	445587	1077248	37.77%	4.795%
31	7.872	975	979	986	rVB7	5124	10821	0.38%	0.048%
32	7.964	986	994	1003	rVB6	9569	28131	0.99%	0.125%
33	8.080	1006	1013	1018	rBV7	5416	12522	0.44%	0.056%
34	8.281	1033	1046	1062	rBV3	917777	2851960	100.00%	12.694%

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ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK19

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
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Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM090320S.M
Title : VOC Analysis

35	8.403	1063	1066	1071	rVB2	3456	6146	0.22%	0.027%
36	8.702	1114	1115	1119	rVB3	2166	1857	0.07%	0.008%
37	8.848	1128	1139	1151	rBV	903375	1774078	62.21%	7.896%
38	9.061	1171	1174	1175	rVV3	2310	2671	0.09%	0.012%
39	9.098	1175	1180	1190	rVB8	9758	22853	0.80%	0.102%
40	9.281	1201	1210	1217	rBV	569201	1153508	40.45%	5.134%
41	9.543	1250	1253	1257	rBV6	1206	1765	0.06%	0.008%
42	9.592	1257	1261	1264	rVV6	1171	1624	0.06%	0.007%
43	9.659	1265	1272	1280	rVB5	7304	18215	0.64%	0.081%
44	9.768	1288	1290	1296	rVB6	1441	1892	0.07%	0.008%
45	9.963	1317	1322	1323	rBV5	2201	2670	0.09%	0.012%
46	10.037	1324	1334	1346	rVB	359466	671805	23.56%	2.990%
47	10.207	1358	1362	1371	rVB3	7165	14419	0.51%	0.064%
48	10.329	1373	1382	1389	rBV	1303295	2306197	80.86%	10.265%
49	10.390	1389	1392	1399	rVB	18014	28849	1.01%	0.128%
50	10.579	1414	1423	1435	rBV	245611	439353	15.41%	1.956%
51	10.707	1435	1444	1451	rBV	250915	449588	15.76%	2.001%
52	10.787	1453	1457	1463	rVB6	7603	13094	0.46%	0.058%
53	10.866	1463	1470	1474	rBV4	19778	40616	1.42%	0.181%
54	10.927	1474	1480	1493	rVB	318926	529257	18.56%	2.356%
55	11.067	1496	1503	1509	rBV	227419	370561	12.99%	1.649%
56	11.177	1517	1521	1526	rVB	11932	18446	0.65%	0.082%
57	11.244	1528	1532	1539	rVB3	4396	8123	0.28%	0.036%
58	11.347	1547	1549	1552	rVB4	1849	2037	0.07%	0.009%
59	11.439	1559	1564	1572	rVB	52862	91656	3.21%	0.408%
60	11.634	1587	1596	1606	rBV	1255754	2140213	75.04%	9.526%
61	11.731	1607	1612	1619	rVB	19557	34861	1.22%	0.155%
62	11.841	1623	1630	1636	rBV	17142	34552	1.21%	0.154%
63	12.042	1661	1663	1670	rVB8	1713	2544	0.09%	0.011%
64	12.177	1679	1685	1694	rVB4	24640	54065	1.90%	0.241%
65	12.353	1708	1714	1720	rBV8	4896	9293	0.33%	0.041%
66	12.469	1727	1733	1739	rBV2	25692	44578	1.56%	0.198%
67	12.609	1747	1756	1763	rVV	162720	255496	8.96%	1.137%
68	12.695	1763	1770	1778	rVV	469839	775729	27.20%	3.453%
69	12.774	1778	1783	1788	rVB6	6020	10433	0.37%	0.046%
70	12.811	1788	1789	1792	rVB3	1876	1448	0.05%	0.006%
71	12.859	1792	1797	1798	rBV5	1956	2009	0.07%	0.009%

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ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK19

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\SOM2WLM090320S.M
Title : VOC Analysis

72	12.939	1803	1810	1822	rVB2	91412	155990	5.47%	0.694%
73	13.042	1822	1827	1831	rBV6	3926	6917	0.24%	0.031%
74	13.079	1831	1833	1839	rVB5	3481	4346	0.15%	0.019%
75	13.195	1845	1852	1855	rBV8	2632	5277	0.19%	0.023%
76	13.249	1857	1861	1865	rVV2	22823	40248	1.41%	0.179%
77	13.298	1865	1869	1874	rVB2	18604	32656	1.15%	0.145%
78	13.402	1881	1886	1891	rVB6	4663	7231	0.25%	0.032%
79	13.499	1893	1902	1906	rBV2	21501	45214	1.59%	0.201%
80	13.560	1906	1912	1925	rVB	1258207	2049540	71.86%	9.123%
81	13.762	1939	1945	1948	rBV5	6722	11524	0.40%	0.051%
82	13.798	1949	1951	1953	rBV2	2716	1918	0.07%	0.009%
83	13.853	1953	1960	1968	rBV	1125389	1896206	66.49%	8.440%
84	13.957	1974	1977	1981	rVB6	3926	5600	0.20%	0.025%
85	14.018	1984	1987	1989	rBV4	4375	6136	0.22%	0.027%
86	14.073	1990	1996	2002	rVV2	54695	92495	3.24%	0.412%
87	14.207	2011	2018	2022	rBV3	6877	11715	0.41%	0.052%
88	14.329	2030	2038	2050	rBV3	23441	54653	1.92%	0.243%
89	14.591	2078	2081	2082	rBV3	1766	1765	0.06%	0.008%
90	14.627	2082	2087	2093	rVV2	15499	27586	0.97%	0.123%
91	14.725	2100	2103	2109	rVB5	6182	9026	0.32%	0.040%
92	14.975	2141	2144	2146	rBV4	1594	1555	0.05%	0.007%
93	15.133	2167	2170	2176	rVB2	12773	18755	0.66%	0.083%
94	15.371	2204	2209	2212	rBV	9328	16090	0.56%	0.072%
95	15.438	2215	2220	2226	rVV	25761	46864	1.64%	0.209%
96	15.487	2226	2228	2234	rVV3	4177	8416	0.30%	0.037%
97	15.554	2235	2239	2249	rVB5	12366	23237	0.81%	0.103%
98	15.694	2259	2262	2267	rVB7	3859	5447	0.19%	0.024%
99	15.767	2271	2274	2277	rBV5	3865	5236	0.18%	0.023%
100	16.261	2353	2355	2357	rBV3	1536	1769	0.06%	0.008%

Sum of corrected areas: 22466750

LSC Report - Integrated Chromatogram

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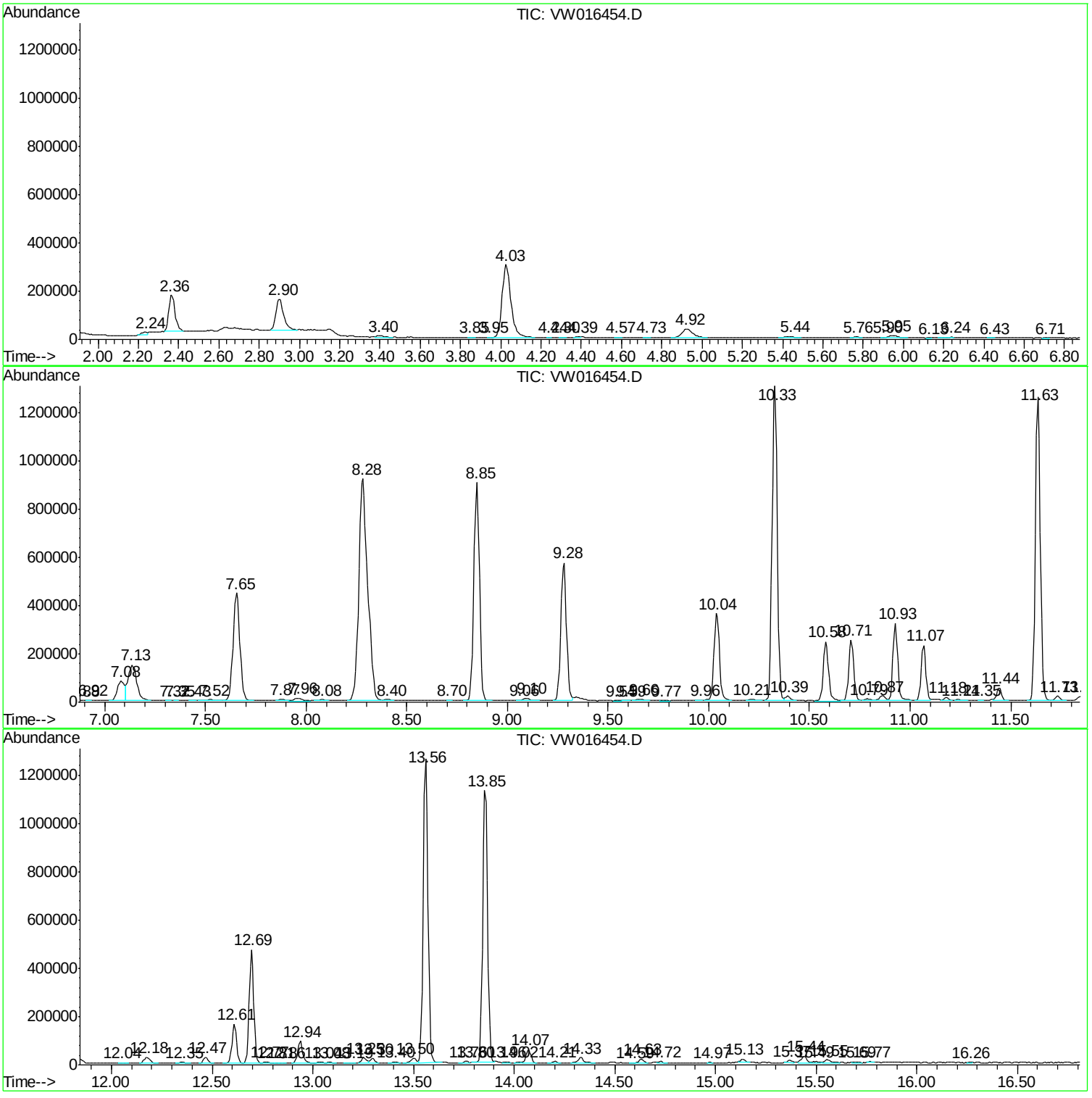
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK19

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM090320S.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\VW090320\
Data File : VW016454.D
Acq On : 03 Sep 2020 18:30
Operator : SY/VA
Sample : VIBLK19
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK19

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM090320S.M
Quant Title : VOC Analysis

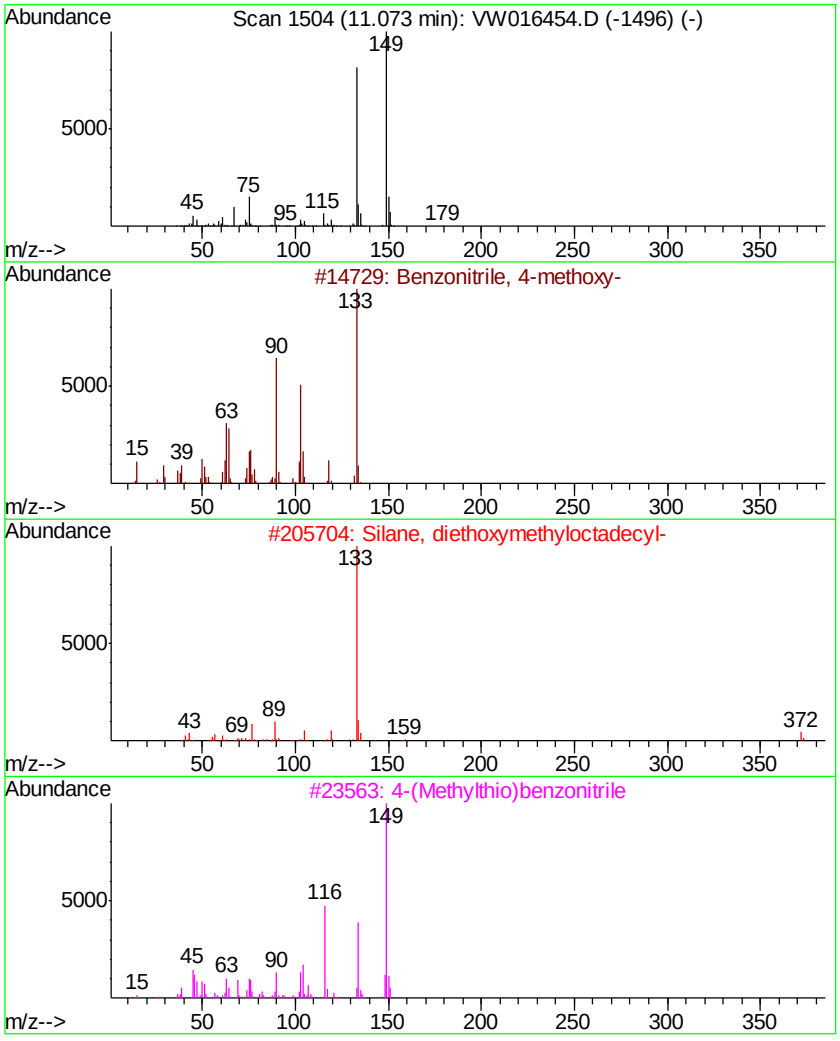
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

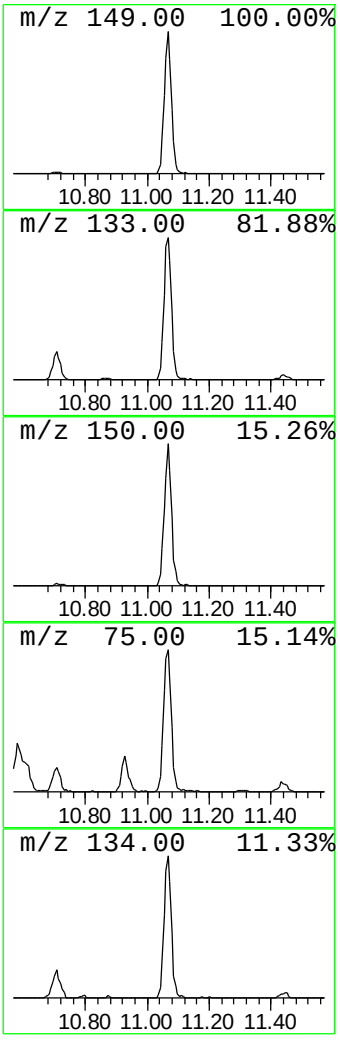
****

Peak Number 4 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.07	4.33 ug/L	370561	Chlorobenzene-d5	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzonitrile, 4-methoxy-	133	C8H7NO	000874-90-8	25
2	Silane, diethoxymethyloctadecyl-	386	C23H50O2Si	067859-75-0	25
3	4-(Methylthio)benzonitrile	149	C8H7NS	021382-98-9	17
4	4-tert-Butyltoluene	148	C11H16	000098-51-1	12
5	4-Ethylbenzoic acid, 4-nitrophen...	271	C15H13NO4	1000307-12-7	12





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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM090320S.M
Quant Title : VOC Analysis

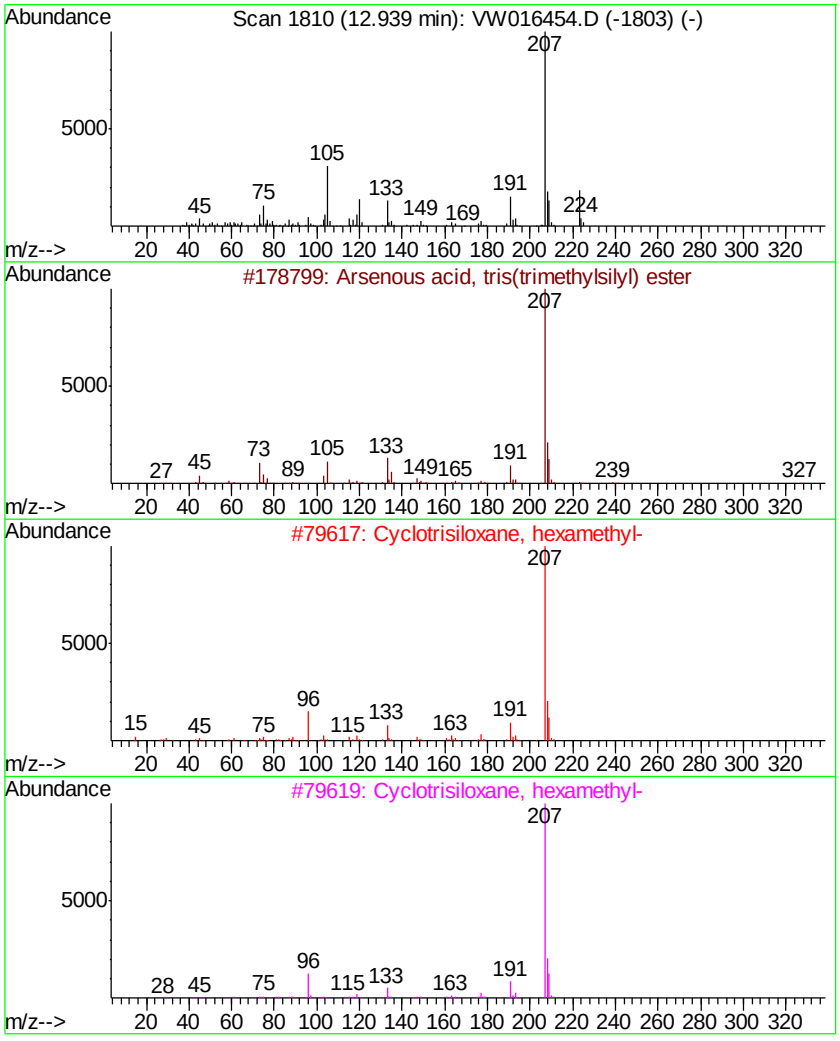
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

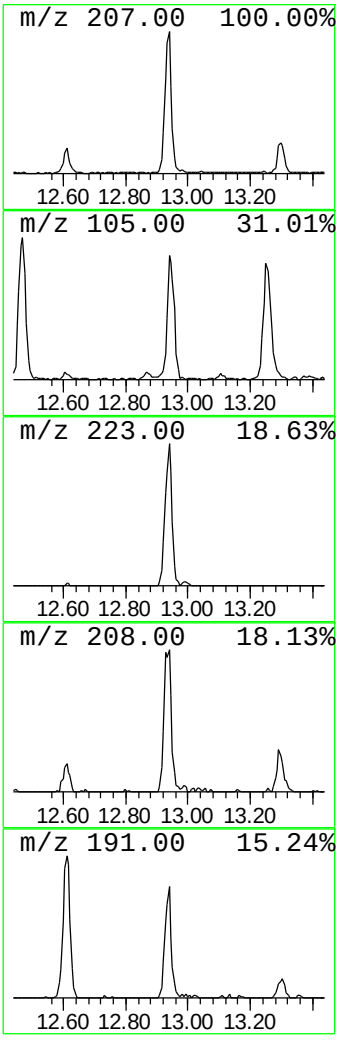
****

Peak Number 6 unknown-02 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.94	1.90 ug/L	155990	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Arsenous acid, tris(trimethylsil...	342	C9H27AsO3Si3	055429-29-3	72
2	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	53
3	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	50
4	1,3-Benzenedicarboxylic acid, 5-...	222	C12H14O4	002359-09-3	43
5	1,4-Benzenediol, 2,5-bis(1,1-dim...	222	C14H22O2	000088-58-4	38





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	4.3	ug/L	370561	2	11.63	2140210	25.0
unknown-02	12.94	1.9	ug/L	155990	3	13.56	2049540	25.0