LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080719\
Data File : VW011736.D
Acq On : 06 Aug 2019 11:14
Operator : SY/VA
Sample : K4116-21
Misc : 5.06G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VHBLK01

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\SOM2WLM073019S.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	1.959	6	9	17	rVB3	5136	9396	0.60%	0.085%
2	2.148	37	40	42	rBV	4005	5081	0.33%	0.046%
3	2.349	67	73	83	rBV	103643	187257	12.03%	1.700%
4	2.885	154	161	177	rVB	65239	163504	10.50%	1.484%
5	3.263	218	223	224	rBV4	1349	1595	0.10%	0.014%
6	3.385	238	243	252	rVB5	2243	5235	0.34%	0.048%
7	3.501	260	262	266	rBV3	745	1113	0.07%	0.010%
8	3.544	266	269	271	rVV4	576	767	0.05%	0.007%
9	3.574	271	274	275	rVV2	947	872	0.06%	0.008%
10	3.617	279	281	285	rVB5	716	749	0.05%	0.007%
11	3.684	285	292	297	rBV4	2768	6970	0.45%	0.063%
12	3.849	314	319	321	rBV2	1921	2607	0.17%	0.024%
13	4.019	334	347	363	rBV	166819	536226	34.45%	4.868%
14	4.422	407	413	415	rBV5	694	1342	0.09%	0.012%
15	4.714	459	461	463	rBV2	604	689	0.04%	0.006%
16	4.916	483	494	495	rBV2	9300	20614	1.32%	0.187%
17	5.123	522	528	529	rBV4	765	1261	0.08%	0.011%
18	5.178	534	537	540	rVB3	663	786	0.05%	0.007%
19	5.422	570	577	580	rBV7	1171	2599	0.17%	0.024%
20	5.684	615	620	623	rBV4	447	758	0.05%	0.007%
21	5.751	623	631	632	rBV6	1477	3007	0.19%	0.027%
22	5.934	647	661	670	rBV3	7654	24844	1.60%	0.226%
23	6.226	703	709	713	rVB6	643	1522	0.10%	0.014%
24	6.568	761	765	769	rBV2	507	676	0.04%	0.006%
25	7.080	838	849	854	rBV	61314	168404	10.82%	1.529%
26	7.500	913	918	919	rBV3	481	914	0.06%	0.008%
27	7.513	919	920	924	rVB3	729	688	0.04%	0.006%
28	7.647	931	942	956	rBV	241199	589151	37.85%	5.349%
29	7.860	973	977	979	rBV5	612	845	0.05%	0.008%
30	7.952	988	992	998	rVB7	1400	2674	0.17%	0.024%
31	8.067	1005	1011	1017	rVB5	1308	2851	0.18%	0.026%
32	8.275	1033	1045	1060	rBV2	511617	1556623	100.00%	14.132%
33	8.604	1096	1099	1100	rBV2	747	812	0.05%	0.007%
34	8.842	1129	1138	1151	rBV	448724	880099	56.54%	7.990%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080719\
Data File : VW011736.D
Acq On : 06 Aug 2019 11:14
Operator : SY/VA
Sample : K4116-21
Misc : 5.06G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VHBLK01

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\SOM2WLM073019S.M
Title : VOC Analysis

35	8.964	1156	1158	1165	rVB3	517	918	0.06%	0.008%
36	9.086	1172	1178	1183	rVB9	2085	4619	0.30%	0.042%
37	9.274	1199	1209	1218	rBV	350958	705916	45.35%	6.409%
38	9.659	1266	1272	1278	rVV4	2454	5264	0.34%	0.048%
39	9.756	1282	1288	1293	rBV3	2883	5041	0.32%	0.046%
40	9.890	1302	1310	1319	rBV2	8640	18946	1.22%	0.172%
41	10.037	1322	1334	1346	rBV	187325	347267	22.31%	3.153%
42	10.122	1346	1348	1352	rVB3	1358	1467	0.09%	0.013%
43	10.213	1358	1363	1365	rBV3	3408	5624	0.36%	0.051%
44	10.244	1365	1368	1373	rVV	4811	7610	0.49%	0.069%
45	10.323	1373	1381	1389	rVV	695636	1202912	77.28%	10.921%
46	10.384	1389	1391	1401	rVB3	5084	9070	0.58%	0.082%
47	10.506	1407	1411	1414	rBV4	1072	1559	0.10%	0.014%
48	10.579	1415	1423	1434	rBV	125969	219471	14.10%	1.992%
49	10.707	1437	1444	1451	rBV	57871	103722	6.66%	0.942%
50	10.780	1451	1456	1462	rVB8	2810	5954	0.38%	0.054%
51	10.847	1462	1467	1473	rBV5	3727	7209	0.46%	0.065%
52	10.927	1473	1480	1491	rBV	214525	372384	23.92%	3.381%
53	11.061	1496	1502	1509	rBV	49037	83617	5.37%	0.759%
54	11.177	1517	1521	1526	rVB4	5621	9339	0.60%	0.085%
55	11.238	1529	1531	1538	rVB5	1064	1478	0.09%	0.013%
56	11.335	1546	1547	1553	rVB6	1018	1231	0.08%	0.011%
57	11.439	1559	1564	1571	rVB2	15172	25719	1.65%	0.233%
58	11.628	1587	1595	1609	rVV	587377	1024172	65.79%	9.298%
59	11.731	1609	1612	1617	rVB2	2727	3914	0.25%	0.036%
60	11.847	1623	1631	1633	rBV6	2429	5381	0.35%	0.049%
61	12.042	1659	1663	1665	rBV4	836	1070	0.07%	0.010%
62	12.097	1670	1672	1674	rVV3	705	697	0.04%	0.006%
63	12.134	1674	1678	1679	rVV4	812	1125	0.07%	0.010%
64	12.176	1679	1685	1691	rVV6	3572	8867	0.57%	0.081%
65	12.243	1694	1696	1699	rVV3	1000	992	0.06%	0.009%
66	12.268	1699	1700	1705	rVB4	552	695	0.04%	0.006%
67	12.341	1710	1712	1716	rVV3	939	1372	0.09%	0.012%
68	12.469	1724	1733	1740	rVB3	7945	15354	0.99%	0.139%
69	12.609	1747	1756	1762	rBV	45538	76340	4.90%	0.693%
70	12.695	1762	1770	1777	rBV	261263	437625	28.11%	3.973%
71	12.762	1777	1781	1787	rVB5	3318	5944	0.38%	0.054%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080719\
Data File : VW011736.D
Acq On : 06 Aug 2019 11:14
Operator : SY/VA
Sample : K4116-21
Misc : 5.06G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VHBLK01

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\SOM2WLM073019S.M
Title : VOC Analysis

72	12.932	1803	1809	1815	rVV2	10199	17147	1.10%	0.156%
73	13.042	1819	1827	1830	rBV7	2249	4466	0.29%	0.041%
74	13.085	1830	1834	1840	rVB7	1206	2338	0.15%	0.021%
75	13.195	1848	1852	1855	rVB4	2338	3176	0.20%	0.029%
76	13.249	1858	1861	1864	rVV3	1315	1753	0.11%	0.016%
77	13.298	1864	1869	1877	rVB4	5577	11067	0.71%	0.100%
78	13.408	1877	1887	1894	rBV3	6997	13202	0.85%	0.120%
79	13.505	1894	1903	1905	rBV8	4185	10086	0.65%	0.092%
80	13.560	1905	1912	1924	rVB	573769	966120	62.07%	8.771%
81	13.719	1934	1938	1940	rBV2	620	793	0.05%	0.007%
82	13.762	1940	1945	1948	rBV5	4123	6953	0.45%	0.063%
83	13.853	1953	1960	1967	rBV	580266	938129	60.27%	8.517%
84	13.951	1973	1976	1979	rVB5	2065	2648	0.17%	0.024%
85	14.072	1990	1996	2002	rVB	27361	42080	2.70%	0.382%
86	14.200	2012	2017	2021	rBV4	2282	4087	0.26%	0.037%
87	14.328	2031	2038	2043	rBV8	3157	7092	0.46%	0.064%
88	14.487	2062	2064	2066	rVV3	1270	1278	0.08%	0.012%
89	14.517	2066	2069	2074	rVV5	1209	2223	0.14%	0.020%
90	14.633	2084	2088	2092	rVB6	2215	3311	0.21%	0.030%
91	14.719	2098	2102	2107	rVB6	1254	1968	0.13%	0.018%
92	14.786	2112	2113	2116	rBV3	677	799	0.05%	0.007%
93	15.078	2159	2161	2164	rBV3	669	897	0.06%	0.008%
94	15.133	2166	2170	2174	rVV5	1915	3581	0.23%	0.033%
95	15.170	2174	2176	2179	rVV5	718	714	0.05%	0.006%
96	15.365	2205	2208	2211	rBV4	1471	2408	0.15%	0.022%
97	15.438	2215	2220	2226	rVV	26007	44464	2.86%	0.404%
98	15.493	2226	2229	2234	rVV3	2224	4258	0.27%	0.039%
99	15.560	2234	2240	2247	rVB7	2307	4639	0.30%	0.042%
100	16.212	2346	2347	2350	rBV2	604	793	0.05%	0.007%

Sum of corrected areas: 11014886

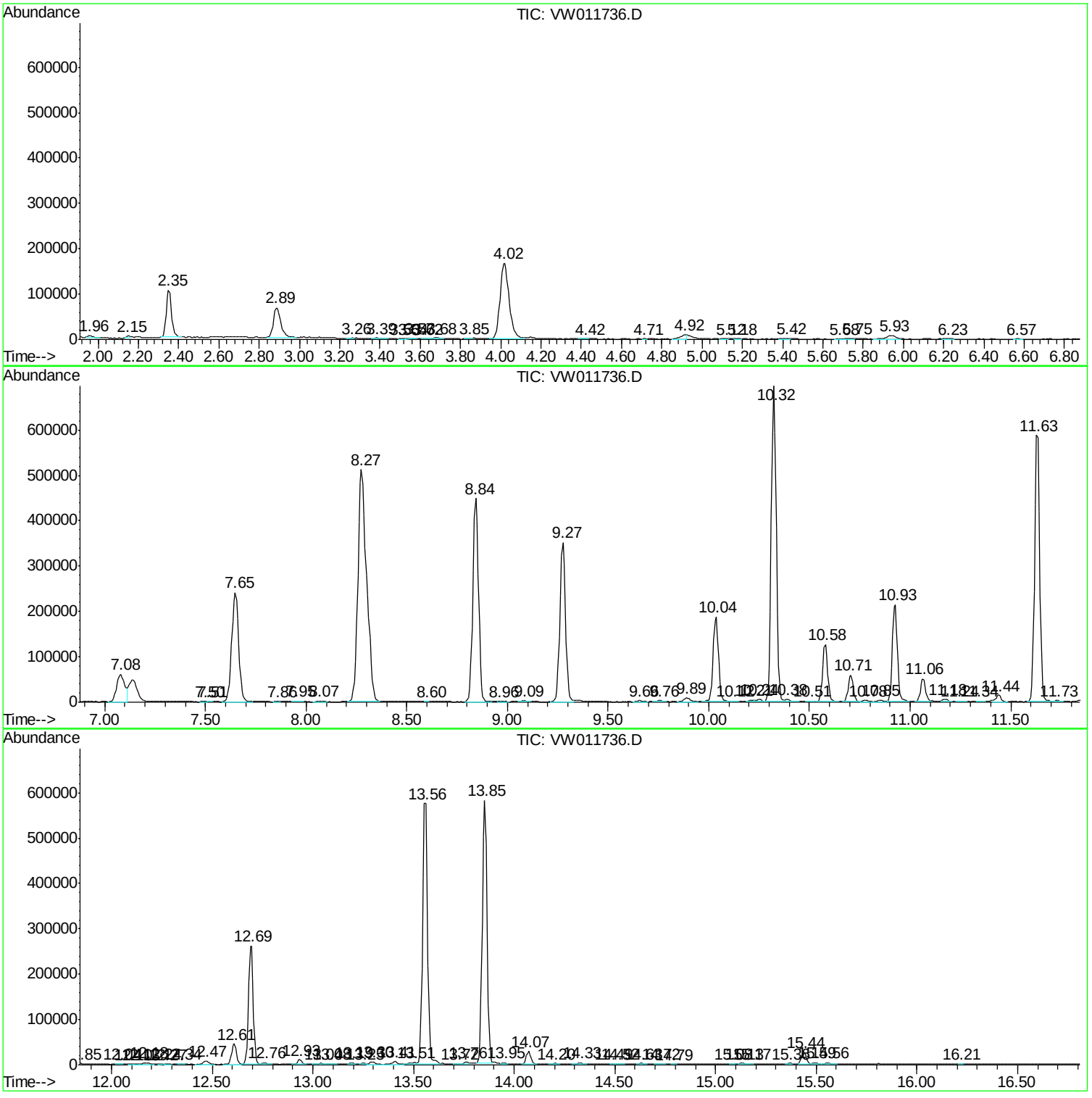
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW080719\
Data File : VW011736.D
Acq On : 06 Aug 2019 11:14
Operator : SY/VA
Sample : K4116-21
Misc : 5.06G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VHBLK01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.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\VW080719\
Data File : VW011736.D
Acq On : 06 Aug 2019 11:14
Operator : SY/VA
Sample : K4116-21
Misc : 5.06G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VHBLK01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis

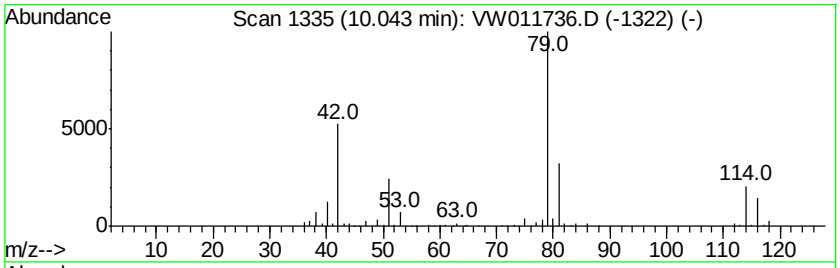
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

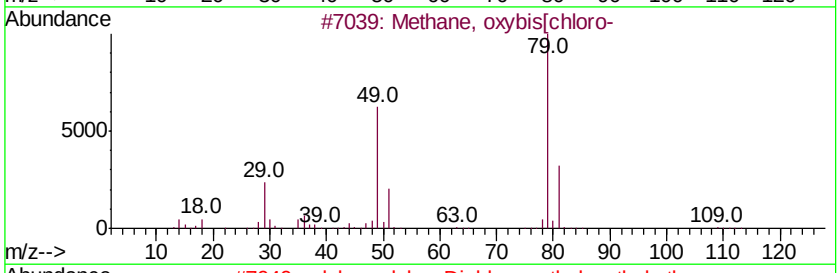
****

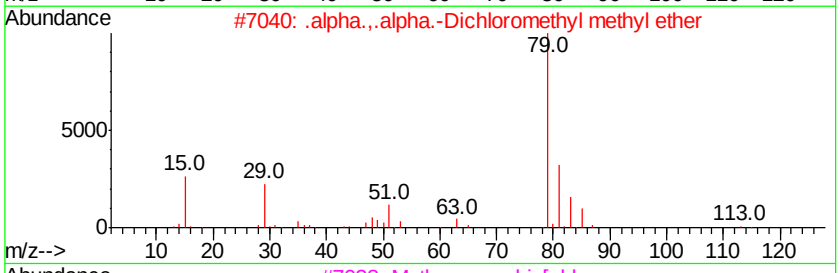
Peak Number 1 unknown-01 Concentration Rank 1

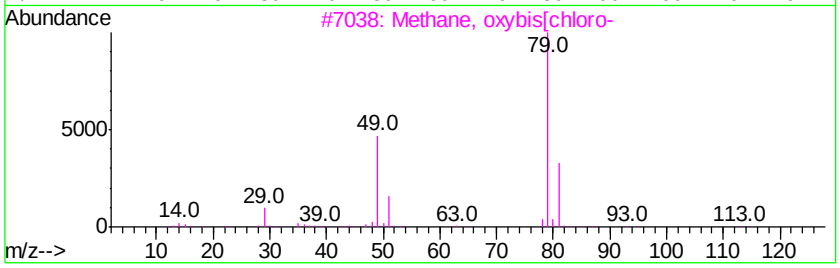
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.04	9.86 ug/L	347267	1,4-Difluorobenzene	8.84

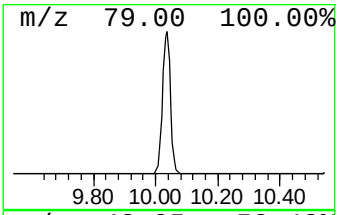
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methane, oxybis[chloro-	114	C2H4Cl2O	000542-88-1	38
2	.alpha.,.alpha.-Dichloromethyl m...	114	C2H4Cl2O	004885-02-3	25
3	Methane, oxybis[chloro-	114	C2H4Cl2O	000542-88-1	23
4	n-Propyl chloride	78	C3H7Cl	000540-54-5	9
5	3-Thiatricyclo[3.1.1.0(2,4)]heptane	112	C6H8S	1000221-37-0	9

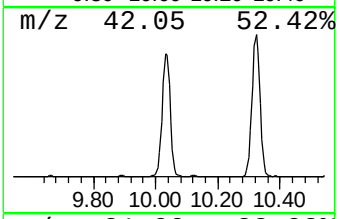


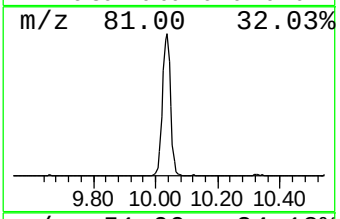


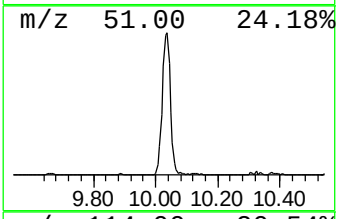


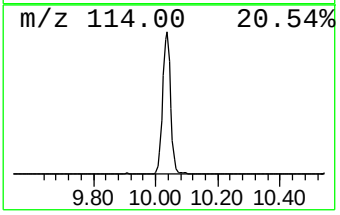












Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW080719\
Data File : VW011736.D
Acq On : 06 Aug 2019 11:14
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Sample : K4116-21
Misc : 5.06G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VHBLK01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis

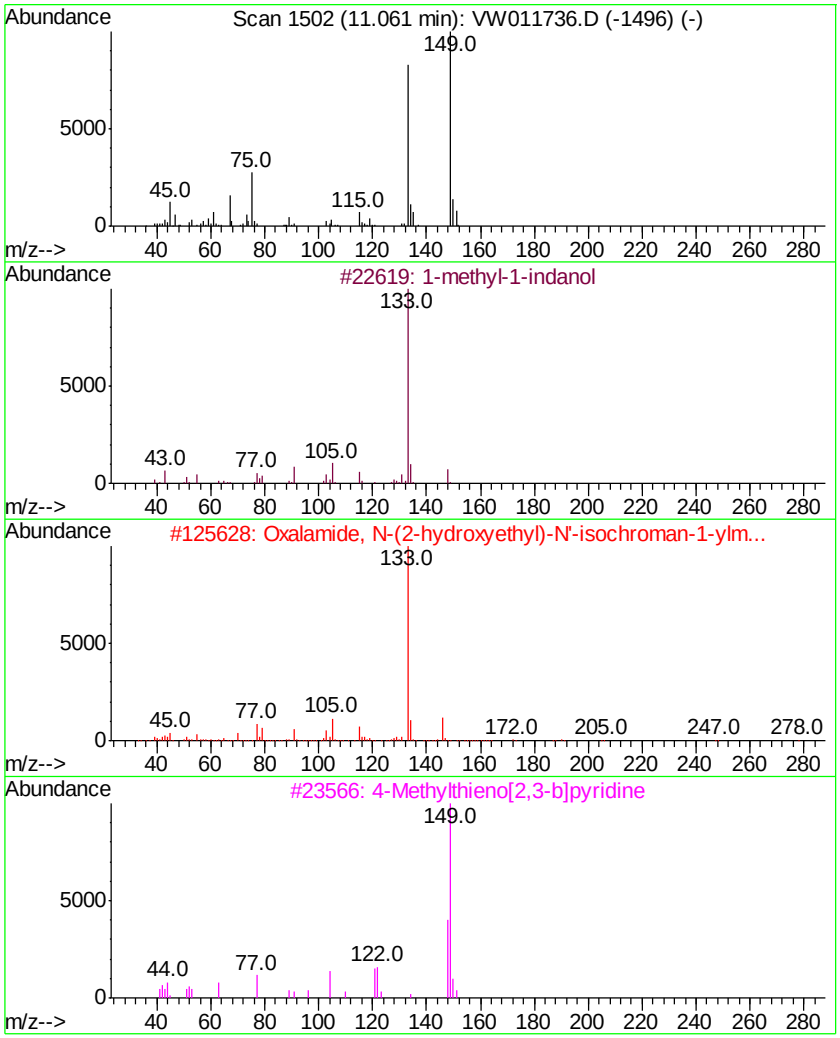
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

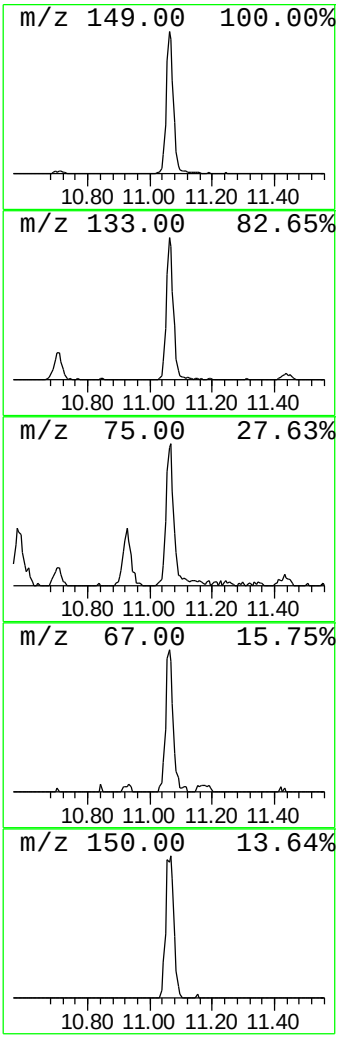
****

Peak Number 3 unknown-02 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.06	2.04 ug/L	83617	Chlorobenzene-d5	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-methyl-1-indanol	148	C10H12O	064666-42-8	27
2	Oxalamide, N-(2-hydroxyethyl)-N'...	278	C14H18N2O4	1000304-26-2	27
3	4-Methylthieno[2,3-b]pyridine	149	C8H7NS	013362-81-7	25
4	4-(Methylthio)benzonitrile	149	C8H7NS	021382-98-9	25
5	Silane, diethoxymethyloctadecyl-	386	C23H50O2Si	067859-75-0	25





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW080719\
Data File : VW011736.D
Acq On : 06 Aug 2019 11:14
Operator : SY/VA
Sample : K4116-21
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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VHBLK01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
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	9.9	ug/L	347267	1	8.84	880099	25.0
unknown-02	11.06	2.0	ug/L	83617	2	11.63	1024170	25.0