LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081518\
Data File : VW004685.D
Acq On : 15 Aug 2018 01:11
Operator : SY/AP
Sample : VIBLK82
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK82

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\SOM2WLM081418S.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	1.752	16	27	29	rBV	36662	78635	1.58%	0.226%
2	1.813	29	37	54	rVB	2165067	4973008	100.00%	14.269%
3	2.148	88	92	94	rBV2	5157	6934	0.14%	0.020%
4	2.191	97	99	101	rBV3	4353	4814	0.10%	0.014%
5	2.355	119	126	140	rBV	246527	580538	11.67%	1.666%
6	2.898	207	215	232	rVB	175143	495270	9.96%	1.421%
7	3.386	291	295	303	rVB2	9327	18029	0.36%	0.052%
8	3.855	365	372	385	rVB5	5173	18939	0.38%	0.054%
9	4.014	385	398	415	rBV	395616	1368559	27.52%	3.927%
10	4.916	533	546	563	rBV2	48249	201281	4.05%	0.578%
11	5.745	674	682	684	rBV6	5367	11713	0.24%	0.034%
12	5.940	705	714	726	rVB3	9716	30652	0.62%	0.088%
13	7.086	891	902	908	rBV	146694	415749	8.36%	1.193%
14	7.153	908	913	928	rVB	120677	329592	6.63%	0.946%
15	7.653	984	995	1010	rVB	571991	1404992	28.25%	4.031%
16	8.165	1072	1079	1084	rBV9	2762	6521	0.13%	0.019%
17	8.281	1086	1098	1113	rBV2	1210579	3594875	72.29%	10.315%
18	8.488	1126	1132	1141	rVB3	5533	13275	0.27%	0.038%
19	8.696	1159	1166	1173	rVB9	4133	9514	0.19%	0.027%
20	8.848	1182	1191	1204	rBV	1125258	2221862	44.68%	6.375%
21	9.080	1224	1229	1233	rBV7	3317	6220	0.13%	0.018%
22	9.281	1251	1262	1270	rBV	768668	1573788	31.65%	4.516%
23	9.385	1277	1279	1288	rVB6	6045	10869	0.22%	0.031%
24	9.476	1288	1294	1297	rBV6	2317	4949	0.10%	0.014%
25	9.665	1320	1325	1333	rVB7	3915	7924	0.16%	0.023%
26	9.762	1333	1341	1347	rBV3	23575	46412	0.93%	0.133%
27	9.897	1354	1363	1370	rBV	45828	97882	1.97%	0.281%
28	9.964	1370	1374	1376	rBV4	5789	7915	0.16%	0.023%
29	10.037	1376	1386	1394	rVV	377291	690675	13.89%	1.982%
30	10.098	1394	1396	1406	rVB4	9829	20274	0.41%	0.058%
31	10.214	1410	1415	1416	rBV3	3829	5008	0.10%	0.014%
32	10.250	1416	1421	1426	rVB	21898	36728	0.74%	0.105%
33	10.329	1426	1434	1443	rBV	1686649	2917382	58.66%	8.371%
34	10.506	1456	1463	1469	rVB6	12360	23777	0.48%	0.068%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081518\
Data File : VW004685.D
Acq On : 15 Aug 2018 01:11
Operator : SY/AP
Sample : VIBLK82
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK82

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\SOM2WLM081418S.M
Title : VOC Analysis

35	10.579	1469	1475	1483	rBV	270154	464410	9.34%	1.333%
36	10.707	1486	1496	1503	rBV	92164	183646	3.69%	0.527%
37	10.854	1514	1520	1525	rVB2	11604	20631	0.41%	0.059%
38	10.933	1525	1533	1543	rBV	575259	997247	20.05%	2.861%
39	11.067	1548	1555	1565	rVV	73810	149423	3.00%	0.429%
40	11.183	1569	1574	1578	rVV3	20689	34137	0.69%	0.098%
41	11.238	1578	1583	1588	rVB4	10009	18194	0.37%	0.052%
42	11.287	1588	1591	1594	rBV5	3214	4752	0.10%	0.014%
43	11.348	1596	1601	1605	rBV4	7851	13333	0.27%	0.038%
44	11.415	1606	1612	1613	rVV2	17400	25694	0.52%	0.074%
45	11.445	1613	1617	1625	rVB2	33511	61942	1.25%	0.178%
46	11.518	1625	1629	1634	rBV2	13335	19916	0.40%	0.057%
47	11.634	1639	1648	1656	rBV	1647692	2791327	56.13%	8.009%
48	11.738	1660	1665	1673	rVB	15632	29169	0.59%	0.084%
49	11.848	1673	1683	1687	rBV2	32467	68144	1.37%	0.196%
50	12.140	1726	1731	1735	rBV7	7432	13898	0.28%	0.040%
51	12.256	1744	1750	1756	rBV3	8283	16472	0.33%	0.047%
52	12.347	1758	1765	1767	rVV4	7863	15112	0.30%	0.043%
53	12.372	1767	1769	1776	rVB6	7726	16394	0.33%	0.047%
54	12.475	1782	1786	1790	rBV5	13082	21602	0.43%	0.062%
55	12.616	1804	1809	1814	rVV	60139	99815	2.01%	0.286%
56	12.701	1814	1823	1830	rVB	755255	1278081	25.70%	3.667%
57	12.811	1836	1841	1846	rVB2	16058	28799	0.58%	0.083%
58	12.872	1846	1851	1855	rBV	37726	68972	1.39%	0.198%
59	12.939	1857	1862	1870	rVB4	69946	133263	2.68%	0.382%
60	13.116	1883	1891	1896	rBV2	12153	33101	0.67%	0.095%
61	13.170	1897	1900	1903	rBV3	7567	10074	0.20%	0.029%
62	13.256	1909	1914	1919	rBV2	25892	44418	0.89%	0.127%
63	13.305	1919	1922	1927	rVB2	11228	14528	0.29%	0.042%
64	13.366	1928	1932	1933	rBV3	4557	6957	0.14%	0.020%
65	13.457	1943	1947	1949	rBV5	7845	10248	0.21%	0.029%
66	13.500	1950	1954	1958	rVV7	8430	16845	0.34%	0.048%
67	13.567	1958	1965	1974	rVV	1700084	2755710	55.41%	7.907%
68	13.725	1985	1991	1993	rBV5	11558	18692	0.38%	0.054%
69	13.762	1993	1997	2001	rVV2	45034	79954	1.61%	0.229%
70	13.798	2001	2003	2007	rVV2	28540	44380	0.89%	0.127%
71	13.859	2007	2013	2022	rVB	1573962	2667856	53.65%	7.655%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081518\
Data File : VW004685.D
Acq On : 15 Aug 2018 01:11
Operator : SY/AP
Sample : VIBLK82
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK82

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\SOM2WLM081418S.M
Title : VOC Analysis

72	13.957	2027	2029	2034	rVV2	14839	25553	0.51%	0.073%
73	14.018	2036	2039	2042	rVV3	18333	32925	0.66%	0.094%
74	14.103	2046	2053	2058	rVB3	43351	109136	2.19%	0.313%
75	14.213	2066	2071	2076	rVB3	30975	51399	1.03%	0.147%
76	14.274	2078	2081	2082	rBV3	3975	5124	0.10%	0.015%
77	14.347	2087	2093	2097	rVV6	22340	55420	1.11%	0.159%
78	14.396	2099	2101	2104	rVV4	21733	34589	0.70%	0.099%
79	14.426	2104	2106	2110	rVV4	28678	50813	1.02%	0.146%
80	14.469	2110	2113	2116	rVV	30507	43038	0.87%	0.123%
81	14.512	2116	2120	2123	rVV3	25903	40507	0.81%	0.116%
82	14.548	2123	2126	2133	rVB5	16980	30690	0.62%	0.088%
83	14.652	2139	2143	2146	rBV5	12491	17111	0.34%	0.049%
84	14.701	2146	2151	2153	rBV2	29566	50788	1.02%	0.146%
85	14.731	2153	2156	2162	rVB2	76953	115769	2.33%	0.332%
86	14.810	2162	2169	2174	rBV4	58000	142448	2.86%	0.409%
87	14.969	2191	2195	2202	rVB8	13369	25070	0.50%	0.072%
88	15.036	2202	2206	2208	rBV5	8838	14174	0.29%	0.041%
89	15.073	2208	2212	2217	rBV4	22867	43858	0.88%	0.126%
90	15.194	2226	2232	2238	rVB2	23984	50412	1.01%	0.145%
91	15.341	2251	2256	2257	rBV3	15260	21970	0.44%	0.063%
92	15.377	2258	2262	2268	rVB	55051	92077	1.85%	0.264%
93	15.451	2268	2274	2277	rBV2	14468	29864	0.60%	0.086%
94	15.566	2290	2293	2301	rVB7	25890	44331	0.89%	0.127%
95	15.664	2303	2309	2316	rBV9	15927	39634	0.80%	0.114%
96	15.743	2320	2322	2327	rVB5	4252	5390	0.11%	0.015%
97	16.182	2387	2394	2399	rVB9	6753	17546	0.35%	0.050%
98	16.383	2423	2427	2432	rBV7	3234	5848	0.12%	0.017%
99	16.456	2432	2439	2446	rBV	39418	93072	1.87%	0.267%
100	16.664	2465	2473	2481	rVB	18916	50598	1.02%	0.145%

Sum of corrected areas: 34850845

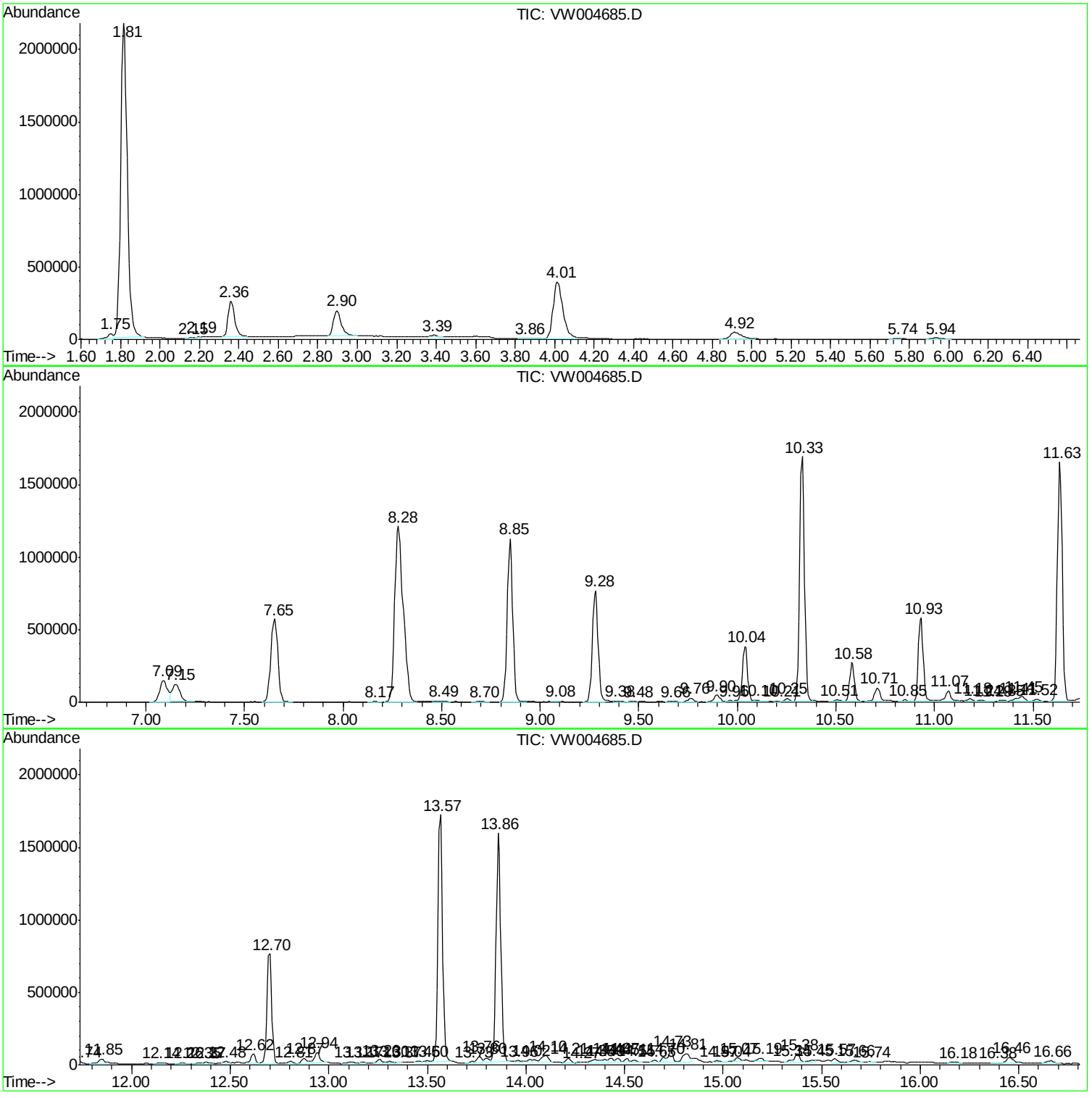
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081518\
Data File : VW004685.D
Acq On : 15 Aug 2018 01:11
Operator : SY/AP
Sample : VIBLK82
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK82

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081418S.M
Quant Title : VOC Analysis

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081518\
Data File : VW004685.D
Acq On : 15 Aug 2018 01:11
Operator : SY/AP
Sample : VIBLK82
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK82

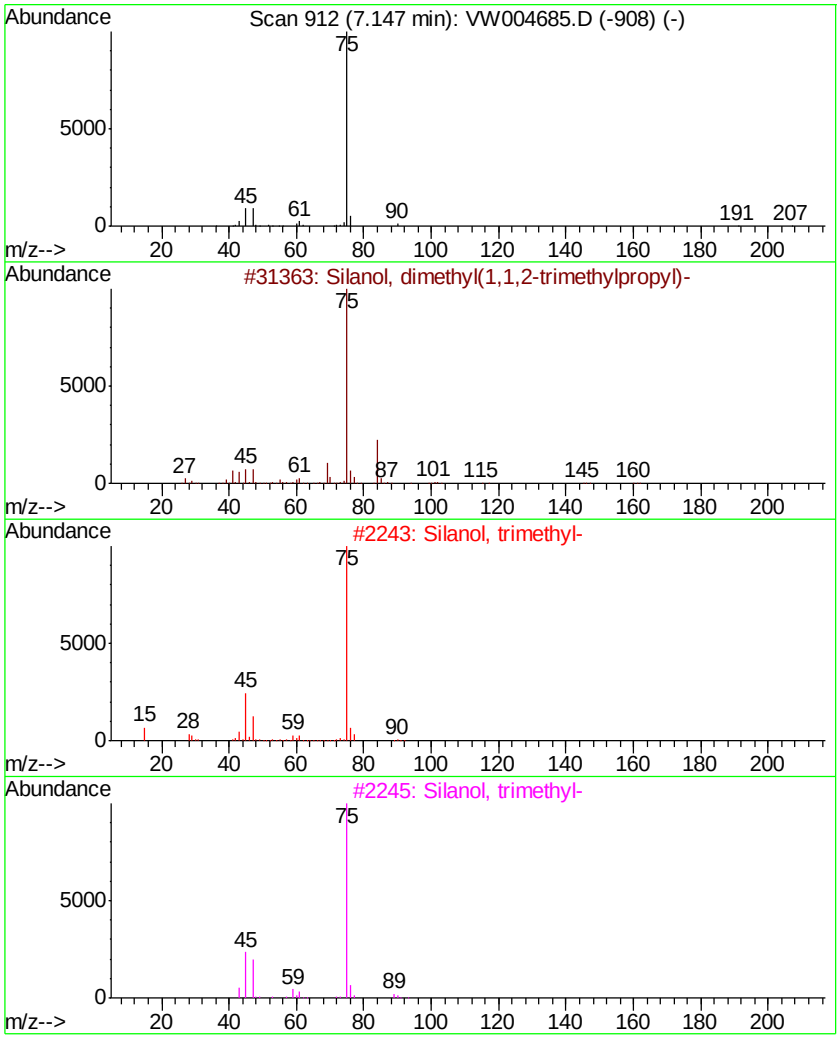
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081418S.M
Quant Title : VOC Analysis

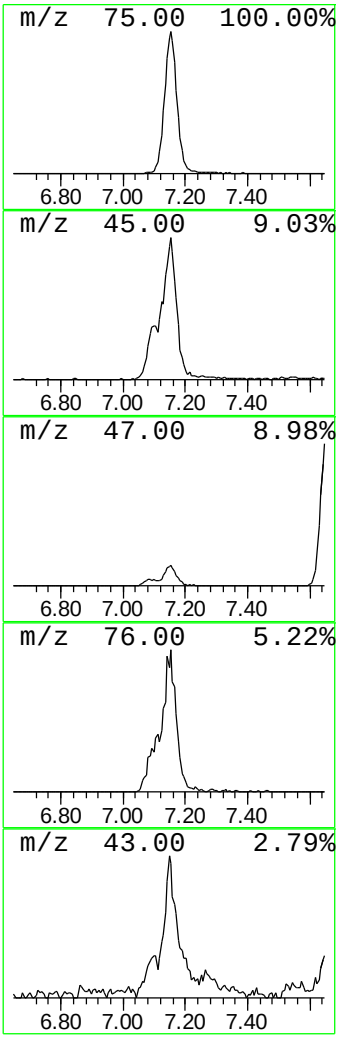
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Silanol, dimethyl(1,1,2-tri... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.15	3.71 ug/L	329592	1,4-Difluorobenzene	8.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silanol, dimethyl(1,1,2-trimethy...	160	C8H20OSi	055644-10-5	64
2	Silanol, trimethyl-	90	C3H10OSi	001066-40-6	56
3	Silanol, trimethyl-	90	C3H10OSi	001066-40-6	43
4	Ethanethioamide	75	C2H5NS	000062-55-5	9
5	Silanol, trimethyl-	90	C3H10OSi	001066-40-6	9





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081518\
Data File : VW004685.D
Acq On : 15 Aug 2018 01:11
Operator : SY/AP
Sample : VIBLK82
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK82

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081418S.M
Quant Title : VOC Analysis

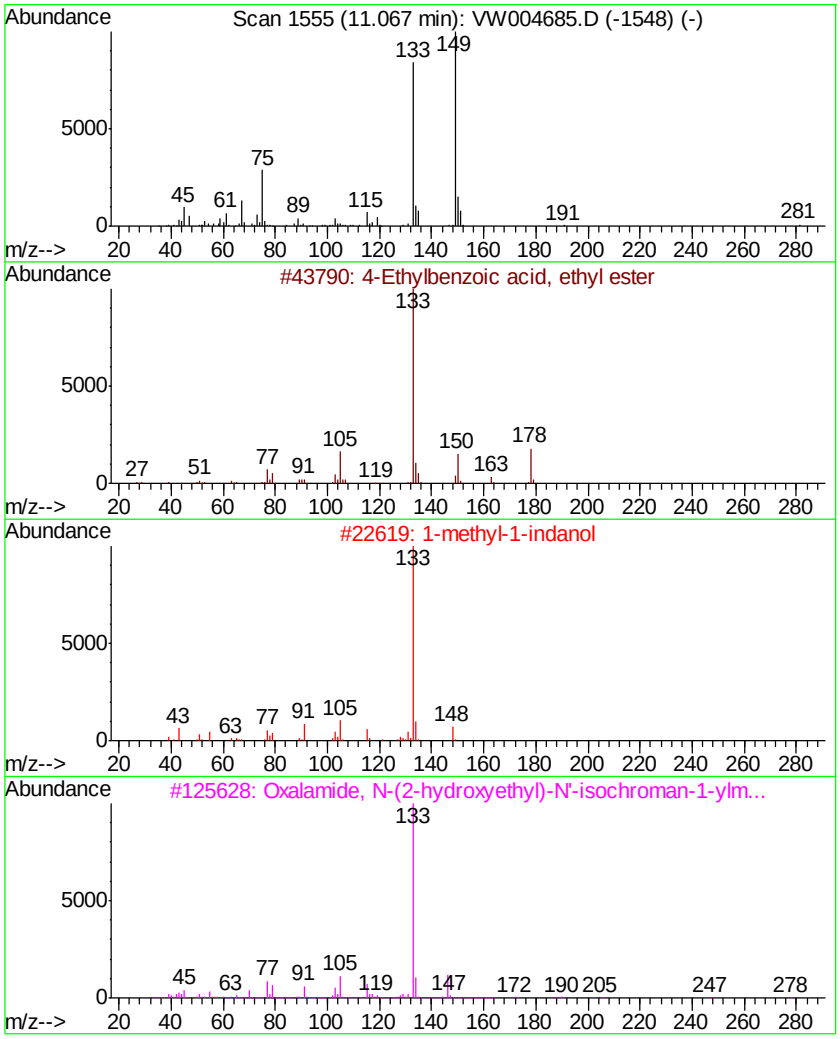
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

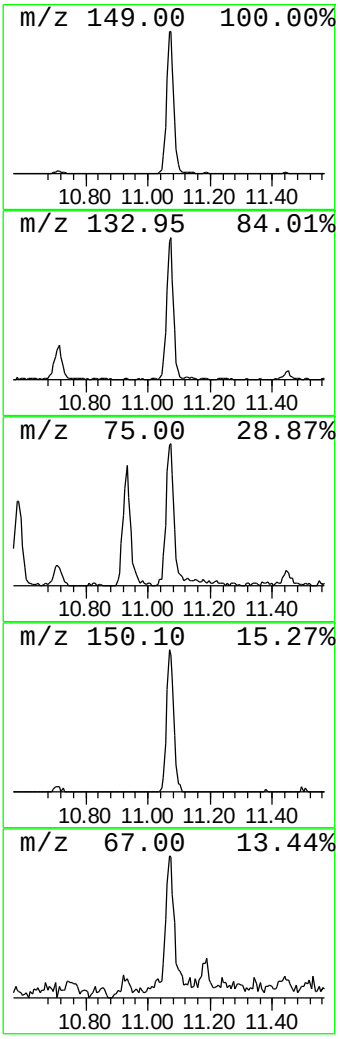
****

Peak Number 5 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.07	1.34 ug/L	149423	Chlorobenzene-d5	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Ethylbenzoic acid, ethyl ester	178	C11H14O2	036207-13-3	32
2	1-methyl-1-indanol	148	C10H12O	064666-42-8	27
3	Oxalamide, N-(2-hydroxyethyl)-N'...	278	C14H18N2O4	1000304-26-2	27
4	1H-Benzotriazole, 5-methoxy-	149	C7H7N3O	027799-91-3	25
5	4-Ethylbenzoic acid, cyclohexyl ...	232	C15H20O2	1000293-32-1	25





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081518\
Data File : VW004685.D
Acq On : 15 Aug 2018 01:11
Operator : SY/AP
Sample : VIBLK82
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK82

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081418S.M
Quant Title : VOC Analysis

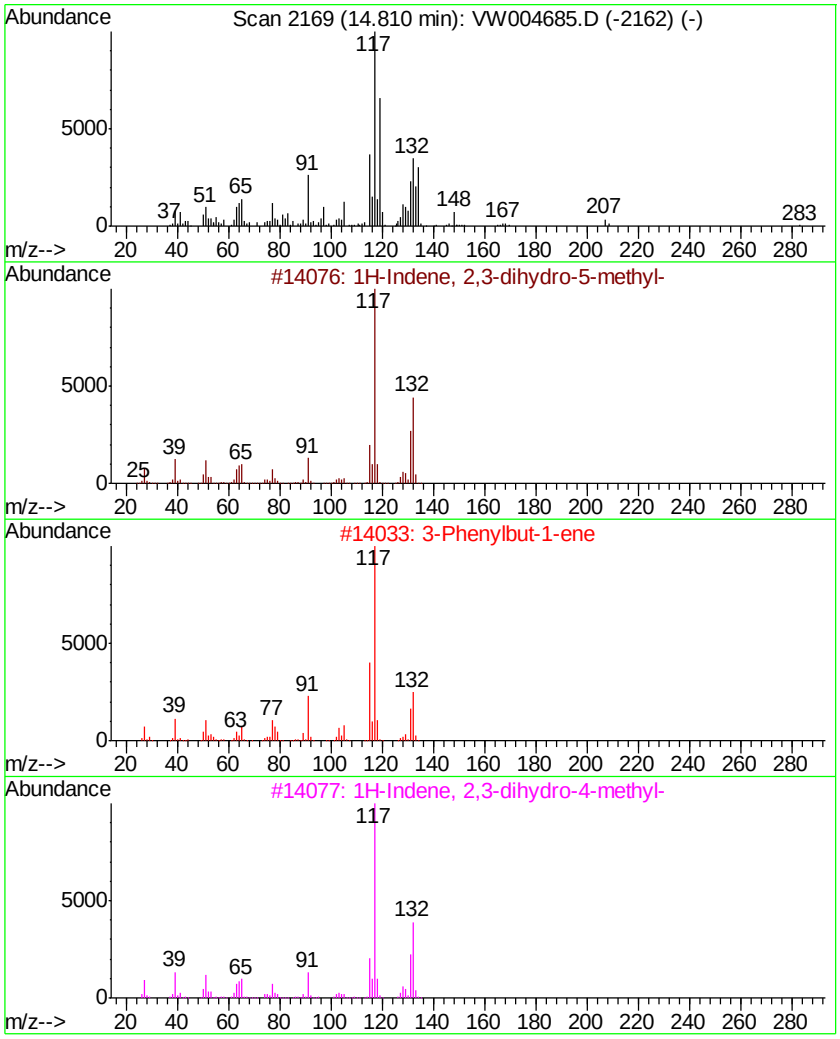
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

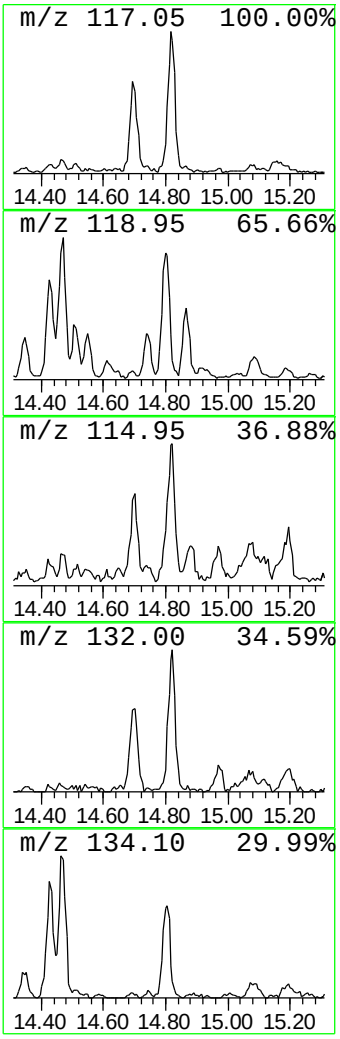
****

Peak Number 6 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.81	1.29 ug/L	142448	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	60
2	3-Phenylbut-1-ene	132	C10H12	000934-10-1	53
3	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	53
4	1-Phenyl-1-butene	132	C10H12	000824-90-8	49
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	49





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081518\
Data File : VW004685.D
Acq On : 15 Aug 2018 01:11
Operator : SY/AP
Sample : VIBLK82
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK82

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081418S.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
Silanol, dimethyl...	7.15	3.7	ug/L	329592	1	8.85	2221860	25.0
unknown-01	11.07	1.3	ug/L	149423	2	11.63	2791330	25.0
1H-Indene, 2,3-di...	14.81	1.3	ug/L	142448	3	13.57	2755710	25.0