LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092320\
Data File : VW016619.D
Acq On : 22 Sep 2020 19:04
Operator : SY/VA
Sample : VIBLK04
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK04

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\SOM2WLM091520S.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	2.160	37	42	43	rBV3	1407	1737	0.11%	0.012%
2	2.239	50	55	56	rBV5	1269	2202	0.14%	0.015%
3	2.367	68	76	85	rBV	70978	143536	9.03%	0.968%
4	2.629	115	119	120	rBV3	2355	3402	0.21%	0.023%
5	2.800	144	147	149	rBV4	1282	1368	0.09%	0.009%
6	2.910	154	165	180	rBV	53013	150842	9.49%	1.017%
7	3.404	240	246	252	rVB4	2760	6187	0.39%	0.042%
8	4.031	337	349	364	rBV2	146812	452741	28.48%	3.053%
9	4.391	401	408	410	rVV3	2034	3743	0.24%	0.025%
10	4.416	410	412	421	rVV5	1789	2773	0.17%	0.019%
11	4.928	485	496	518	rVV2	53639	211604	13.31%	1.427%
12	5.086	518	522	523	rVV3	1000	1541	0.10%	0.010%
13	5.147	523	532	542	rVV2	4399	16092	1.01%	0.109%
14	5.446	568	581	601	rBV4	16351	60464	3.80%	0.408%
15	5.769	625	634	645	rBB7	2909	8921	0.56%	0.060%
16	5.952	651	664	677	rBV2	84172	252915	15.91%	1.706%
17	6.305	716	722	728	rVV6	1165	3005	0.19%	0.020%
18	6.732	783	792	805	rBV8	2446	8145	0.51%	0.055%
19	6.885	811	817	819	rBV4	1014	1836	0.12%	0.012%
20	6.994	824	835	842	rVV3	16850	50013	3.15%	0.337%
21	7.086	842	850	852	rVV	36526	81060	5.10%	0.547%
22	7.141	854	859	873	rVB	60334	164952	10.38%	1.112%
23	7.659	932	944	957	rBV	245450	608167	38.26%	4.101%
24	7.866	974	978	980	rBV3	1233	1658	0.10%	0.011%
25	7.964	987	994	1002	rVB4	3959	8979	0.56%	0.061%
26	8.067	1006	1011	1014	rBV4	833	1383	0.09%	0.009%
27	8.281	1034	1046	1063	rBV2	464351	1392312	87.59%	9.390%
28	8.701	1110	1115	1119	rBV6	1153	2636	0.17%	0.018%
29	8.848	1130	1139	1152	rBV	676870	1318283	82.93%	8.890%
30	9.092	1173	1179	1182	rVB7	1762	3327	0.21%	0.022%
31	9.281	1200	1210	1220	rBV	297837	608811	38.30%	4.106%
32	9.677	1267	1275	1279	rBV6	1840	3723	0.23%	0.025%
33	9.762	1286	1289	1298	rVB4	1312	2430	0.15%	0.016%
34	9.896	1304	1311	1318	rVB2	3409	6500	0.41%	0.044%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092320\
Data File : VW016619.D
Acq On : 22 Sep 2020 19:04
Operator : SY/VA
Sample : VIBLK04
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK04

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\SOM2WLM091520S.M
Title : VOC Analysis

35	10.036	1328	1334	1346	rVB	176456	318242	20.02%	2.146%
36	10.219	1358	1364	1368	rBV3	5717	11097	0.70%	0.075%
37	10.329	1374	1382	1388	rBV	638855	1130258	71.10%	7.622%
38	10.390	1388	1392	1401	rVB	93820	163028	10.26%	1.099%
39	10.579	1416	1423	1434	rBV	113797	196075	12.34%	1.322%
40	10.707	1436	1444	1451	rBV	158675	296191	18.63%	1.997%
41	10.853	1462	1468	1473	rVB4	5651	10412	0.66%	0.070%
42	10.927	1473	1480	1489	rBV	147824	247677	15.58%	1.670%
43	11.067	1496	1503	1513	rBV2	73243	128001	8.05%	0.863%
44	11.177	1516	1521	1528	rVV3	10254	17395	1.09%	0.117%
45	11.347	1545	1549	1553	rVB5	1132	2107	0.13%	0.014%
46	11.439	1553	1564	1571	rBV	41449	78085	4.91%	0.527%
47	11.634	1587	1596	1608	rVV	889514	1520182	95.64%	10.252%
48	11.731	1608	1612	1621	rVV	9215	15215	0.96%	0.103%
49	11.835	1623	1629	1640	rBV	30063	58512	3.68%	0.395%
50	12.030	1658	1661	1666	rBV6	838	1470	0.09%	0.010%
51	12.170	1677	1684	1693	rVB	15963	29023	1.83%	0.196%
52	12.335	1709	1711	1716	rBV5	1399	2738	0.17%	0.018%
53	12.469	1728	1733	1740	rBV2	9318	17618	1.11%	0.119%
54	12.609	1749	1756	1763	rVB	232159	363858	22.89%	2.454%
55	12.695	1763	1770	1777	rBV	250723	409121	25.74%	2.759%
56	12.804	1782	1788	1793	rBV	27355	41585	2.62%	0.280%
57	12.871	1793	1799	1802	rBV	99516	168902	10.63%	1.139%
58	12.902	1802	1804	1807	rVV	48733	61060	3.84%	0.412%
59	12.945	1807	1811	1820	rVB2	59376	111504	7.01%	0.752%
60	13.036	1820	1826	1831	rBV	43449	66002	4.15%	0.445%
61	13.103	1831	1837	1844	rVB	38326	70091	4.41%	0.473%
62	13.201	1850	1853	1855	rBV3	1535	1681	0.11%	0.011%
63	13.249	1855	1861	1866	rBV	186216	299462	18.84%	2.020%
64	13.298	1866	1869	1874	rVB	19105	26015	1.64%	0.175%
65	13.408	1882	1887	1891	rVB6	3108	4854	0.31%	0.033%
66	13.475	1891	1898	1900	rBV8	5480	10313	0.65%	0.070%
67	13.560	1905	1912	1933	rVB	934630	1589566	100.00%	10.720%
68	13.761	1939	1945	1948	rBV2	26555	46730	2.94%	0.315%
69	13.792	1948	1950	1954	rVV3	14485	20190	1.27%	0.136%
70	13.853	1954	1960	1968	rVV	657089	1080166	67.95%	7.285%
71	13.950	1973	1976	1982	rVB2	7182	10621	0.67%	0.072%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092320\
Data File : VW016619.D
Acq On : 22 Sep 2020 19:04
Operator : SY/VA
Sample : VIBLK04
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK04

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\SOM2WLM091520S.M
Title : VOC Analysis

72	14.011	1982	1986	1989	rBV3	10125	17005	1.07%	0.115%
73	14.072	1989	1996	2006	rVB3	91735	193098	12.15%	1.302%
74	14.200	2012	2017	2024	rBV4	7127	12228	0.77%	0.082%
75	14.335	2031	2039	2047	rBV5	12605	33645	2.12%	0.227%
76	14.420	2049	2053	2056	rVV	12710	19336	1.22%	0.130%
77	14.463	2056	2060	2063	rVV	17575	26375	1.66%	0.178%
78	14.499	2064	2066	2071	rVB7	4112	6333	0.40%	0.043%
79	14.633	2085	2088	2092	rVB5	2382	3407	0.21%	0.023%
80	14.694	2092	2098	2100	rBV2	7855	13698	0.86%	0.092%
81	14.725	2100	2103	2108	rVB4	11801	17205	1.08%	0.116%
82	14.798	2109	2115	2124	rBV4	14365	38138	2.40%	0.257%
83	14.956	2140	2141	2148	rVB6	2153	3198	0.20%	0.022%
84	15.066	2153	2159	2162	rBV6	3713	6700	0.42%	0.045%
85	15.176	2173	2177	2181	rVB7	3214	5458	0.34%	0.037%
86	15.243	2183	2188	2197	rVB9	4416	12084	0.76%	0.081%
87	15.328	2197	2202	2203	rBV5	1740	2704	0.17%	0.018%
88	15.365	2203	2208	2214	rVV	34551	61357	3.86%	0.414%
89	15.438	2214	2220	2225	rVV	49901	82552	5.19%	0.557%
90	15.493	2225	2229	2235	rVV	7762	13990	0.88%	0.094%
91	15.554	2235	2239	2247	rVB5	7410	12382	0.78%	0.084%
92	15.694	2259	2262	2266	rVB6	2808	3586	0.23%	0.024%
93	15.767	2269	2274	2277	rBV7	3441	6685	0.42%	0.045%
94	15.840	2284	2286	2294	rVB8	2463	4192	0.26%	0.028%
95	15.956	2302	2305	2306	rBV2	1355	1557	0.10%	0.011%
96	16.054	2317	2321	2324	rVB6	1195	1553	0.10%	0.010%
97	16.298	2357	2361	2364	rBV5	1105	1704	0.11%	0.011%
98	16.438	2380	2384	2390	rBV7	3400	8174	0.51%	0.055%
99	16.487	2390	2392	2398	rVB6	3290	6156	0.39%	0.042%
100	16.645	2415	2418	2419	rBV2	1186	1302	0.08%	0.009%

Sum of corrected areas: 14828137

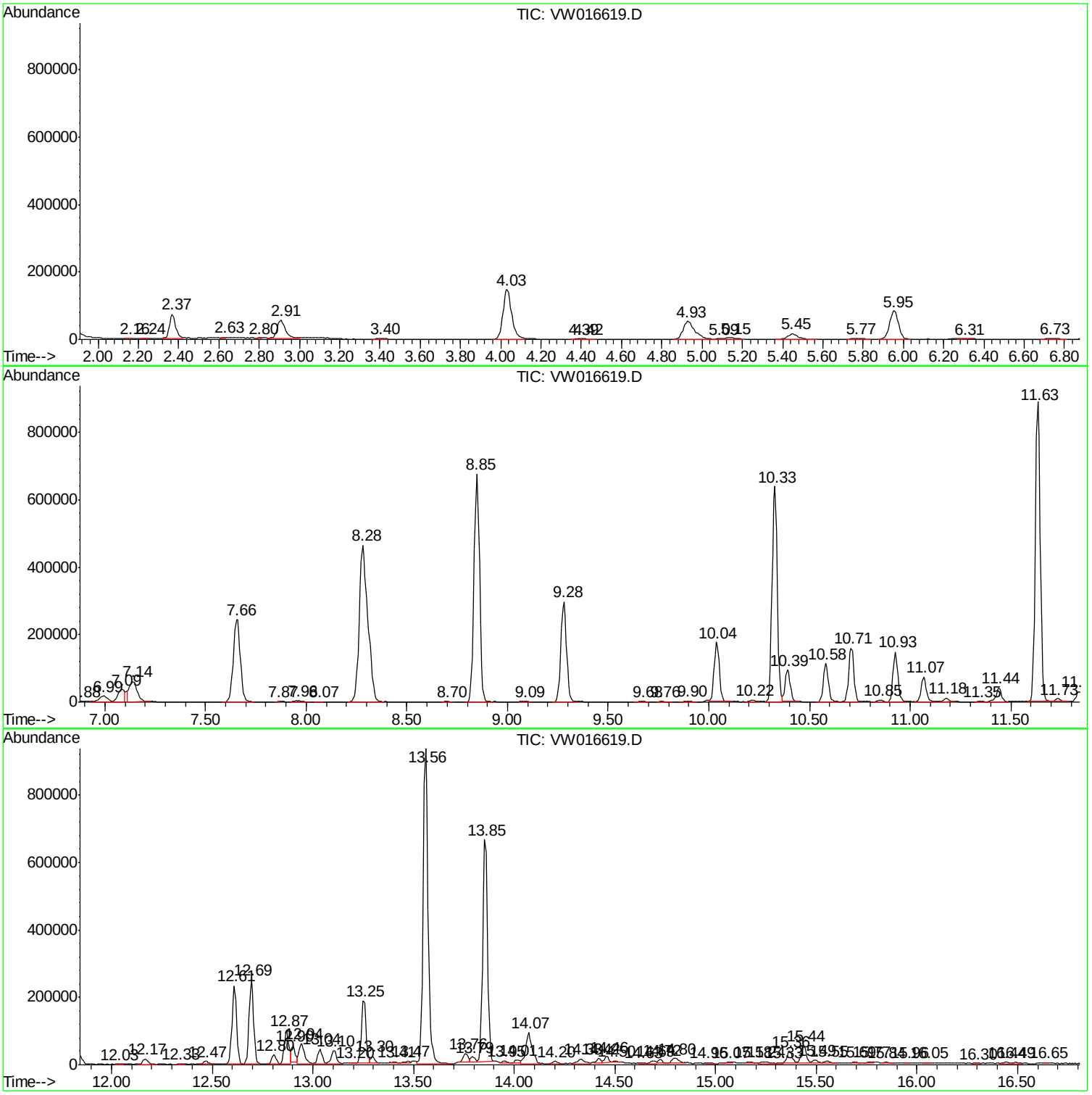
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092320\
Data File : VW016619.D
Acq On : 22 Sep 2020 19:04
Operator : SY/VA
Sample : VIBLK04
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK04

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.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\VW092320\
Data File : VW016619.D
Acq On : 22 Sep 2020 19:04
Operator : SY/VA
Sample : VIBLK04
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK04

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

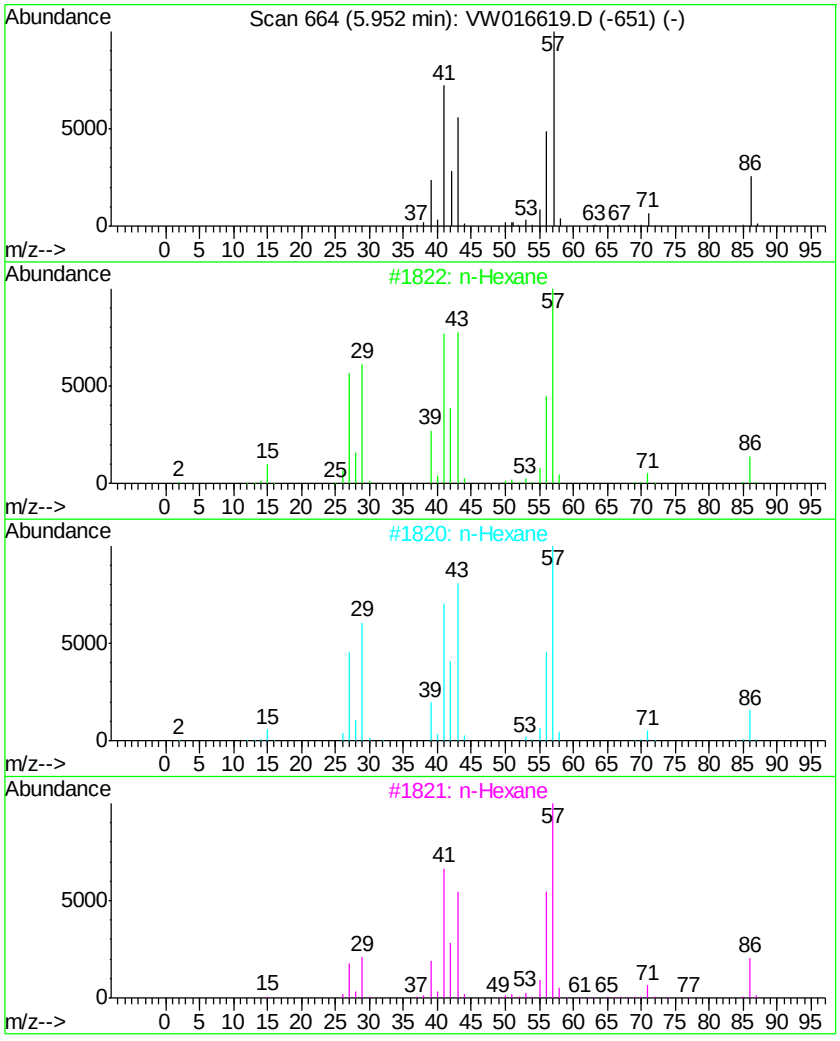
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

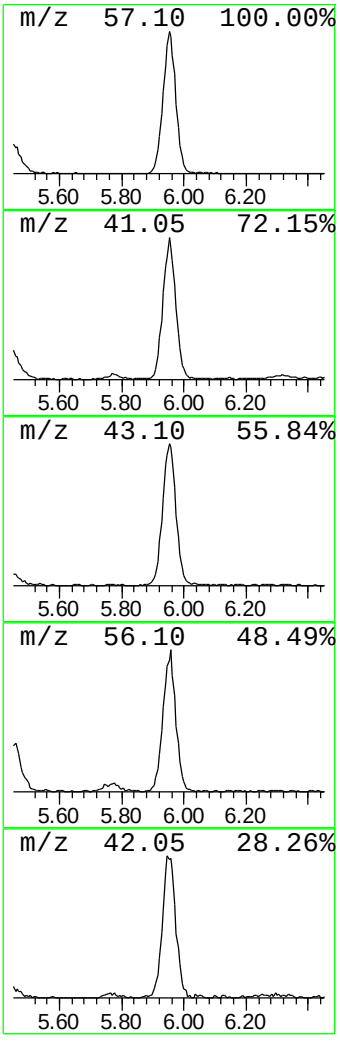
****

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.95	4.80 ug/L	252915	1,4-Difluorobenzene	8.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	78
2	n-Hexane	86	C6H14	000110-54-3	72
3	n-Hexane	86	C6H14	000110-54-3	58
4	Morpholine	87	C4H9NO	000110-91-8	38
5	Methane, isocyanato-	57	C2H3NO	000624-83-9	32





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092320\
Data File : VW016619.D
Acq On : 22 Sep 2020 19:04
Operator : SY/VA
Sample : VIBLK04
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK04

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

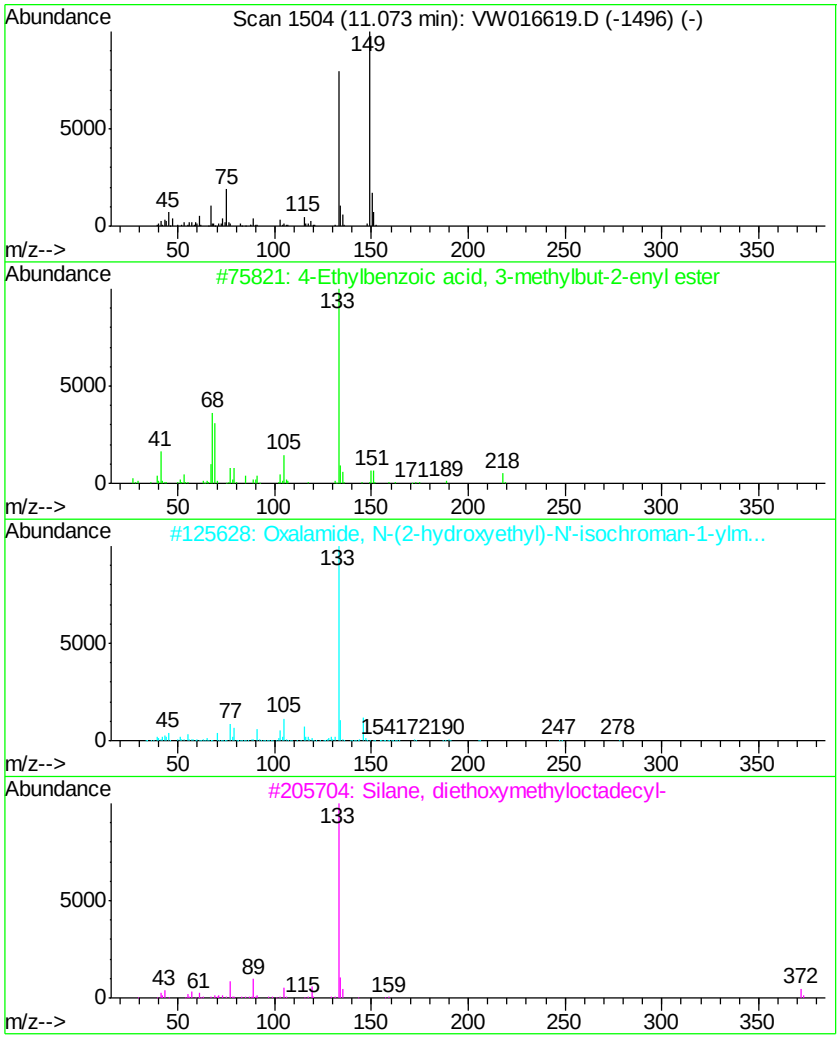
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

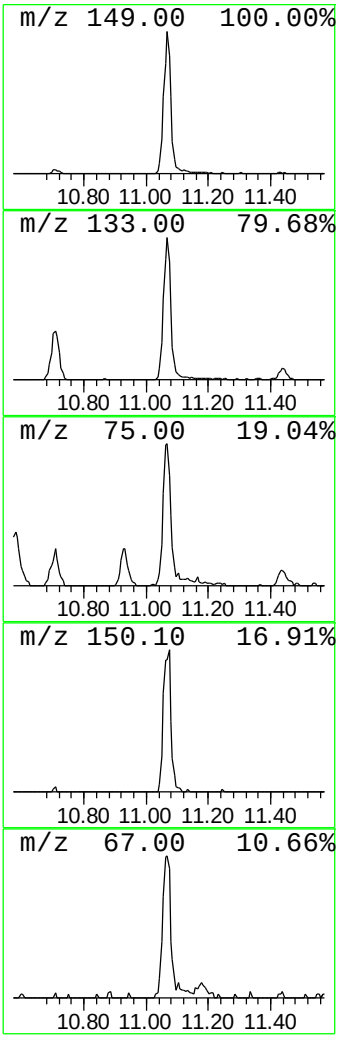
****

Peak Number 5 unknown-01 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.07	2.11 ug/L	128001	Chlorobenzene-d5	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Ethylbenzoic acid, 3-methylbut...	218	C14H18O2	1000292-54-1	38
2	Oxalamide, N-(2-hydroxyethyl)-N'...	278	C14H18N2O4	1000304-26-2	27
3	Silane, diethoxymethyloctadecyl-	386	C23H50O2Si	067859-75-0	25
4	4-Ethylbenzoic acid, ethyl ester	178	C11H14O2	036207-13-3	23
5	Formamide, N-ethyl-N-phenyl-	149	C9H11NO	005461-49-4	17





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092320\
Data File : VW016619.D
Acq On : 22 Sep 2020 19:04
Operator : SY/VA
Sample : VIBLK04
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK04

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

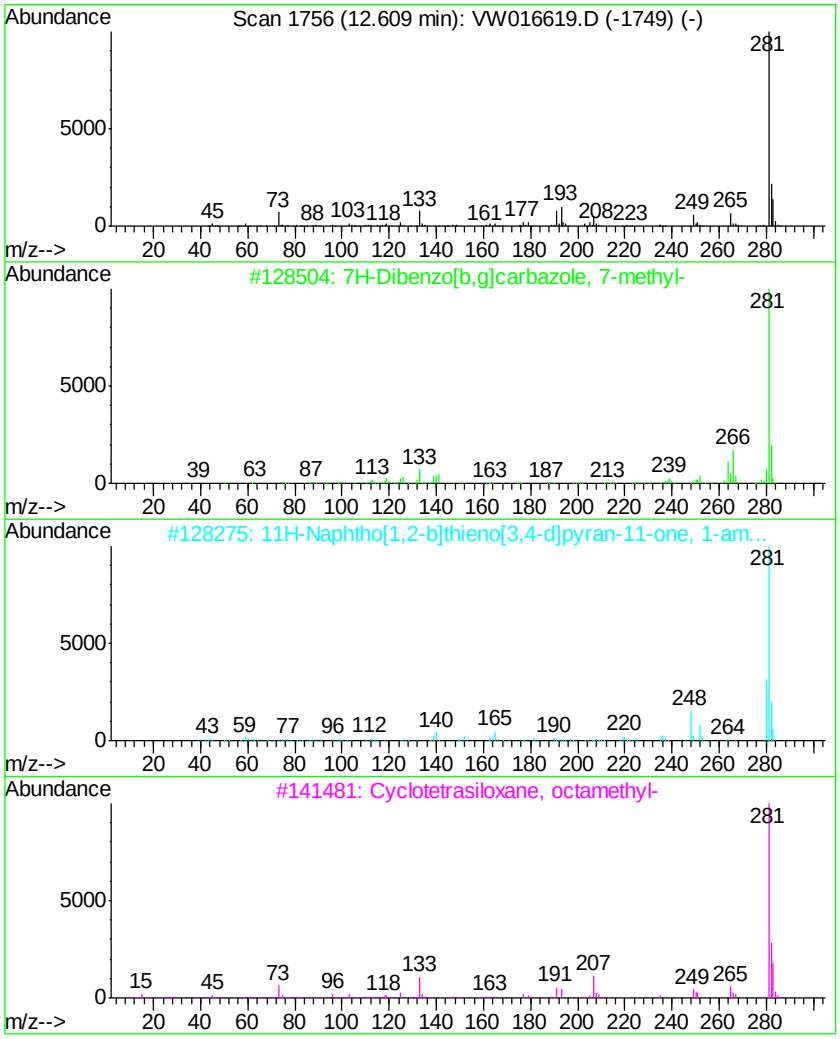
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

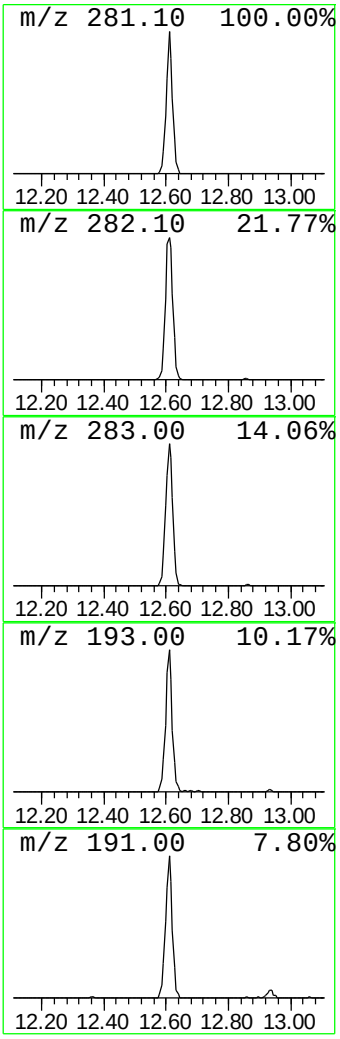
****

Peak Number 7 7H-Dibenzo[b,g]carbazole, 7... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.61	5.72 ug/L	363858	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Dibenzo[b,g]carbazole, 7-methyl-	281	C21H15N	003557-49-1	64
2	11H-Naphtho[1,2-b]thieno[3,4-d]p...	281	C16H11NO2S	292159-63-8	64
3	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	64
4	trans-4-Dimethylamino-4'-methoxy...	281	C18H19NO2	052119-37-6	59
5	trans-4-(2-(5-Nitro-2-furyl)viny...	281	C15H11N3O3	000847-10-9	59





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092320\
Data File : VW016619.D
Acq On : 22 Sep 2020 19:04
Operator : SY/VA
Sample : VIBLK04
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK04

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

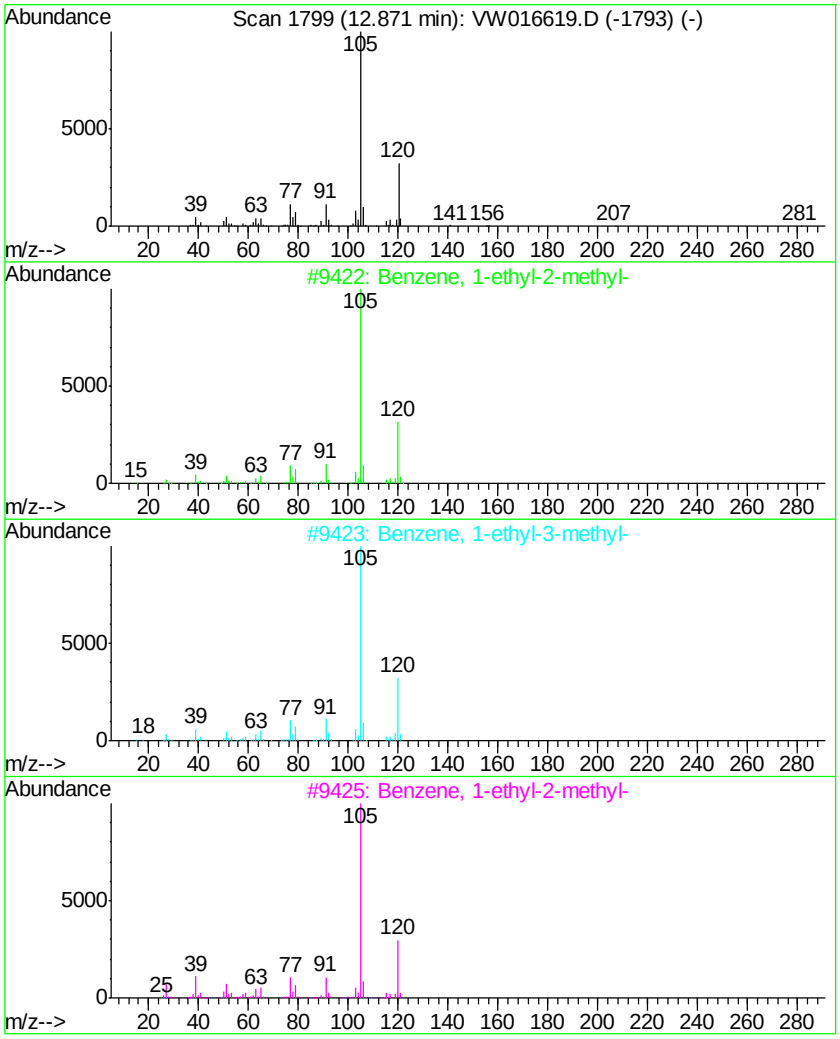
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

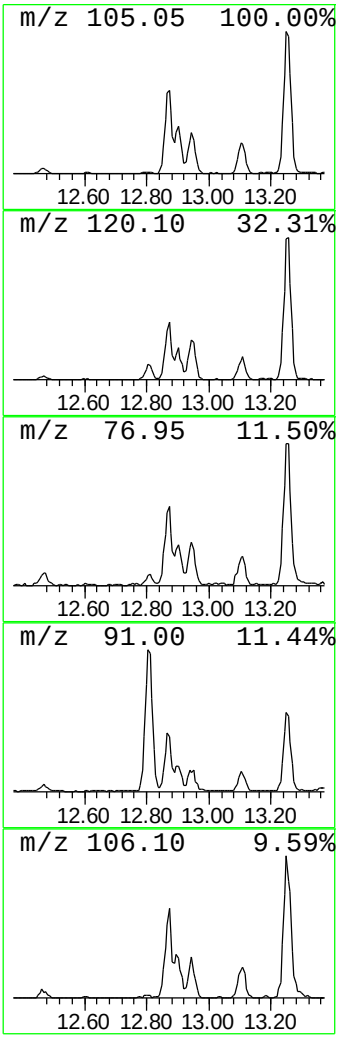
****

Peak Number 8 Benzene, 1-ethyl-2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	2.66 ug/L	168902	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092320\
Data File : VW016619.D
Acq On : 22 Sep 2020 19:04
Operator : SY/VA
Sample : VIBLK04
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK04

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

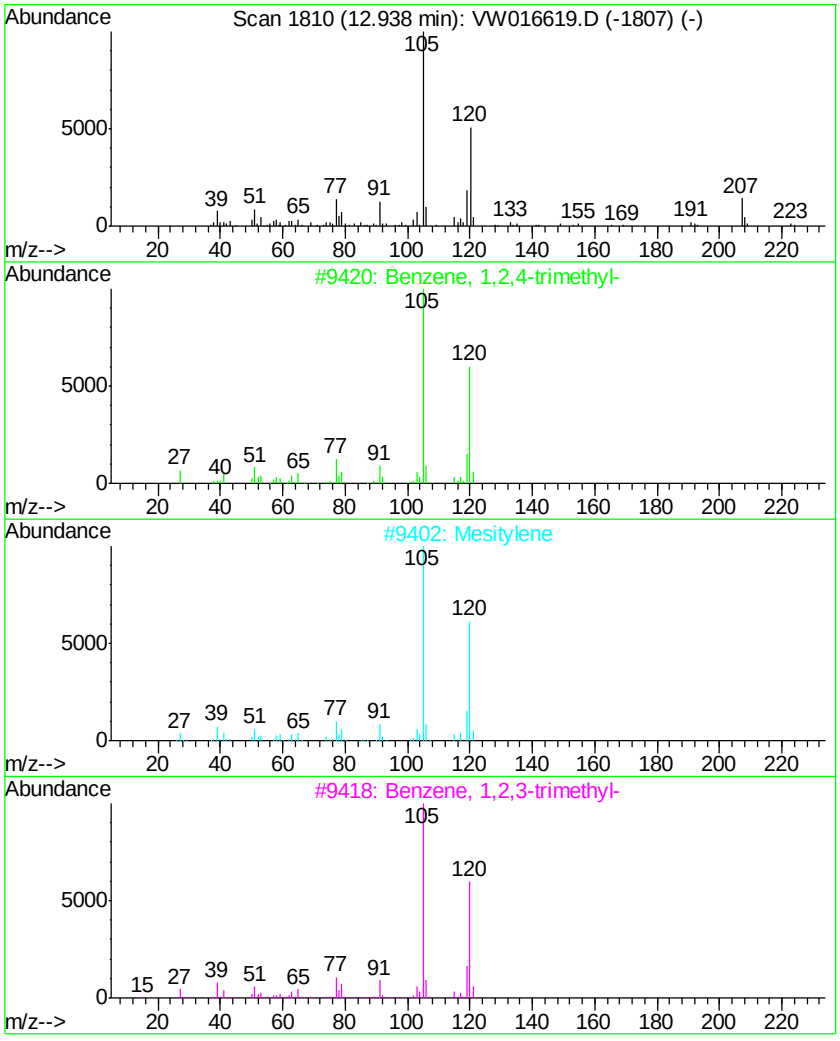
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

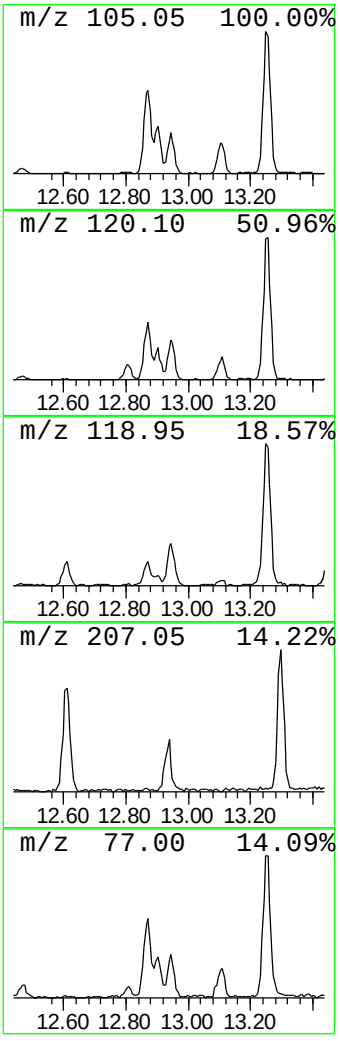
****

Peak Number 9 Benzene, 1,2,4-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.94	1.75 ug/L	111504	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
2	Mesitylene	120	C9H12	000108-67-8	95
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
4	Mesitylene	120	C9H12	000108-67-8	94
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092320\
Data File : VW016619.D
Acq On : 22 Sep 2020 19:04
Operator : SY/VA
Sample : VIBLK04
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK04

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

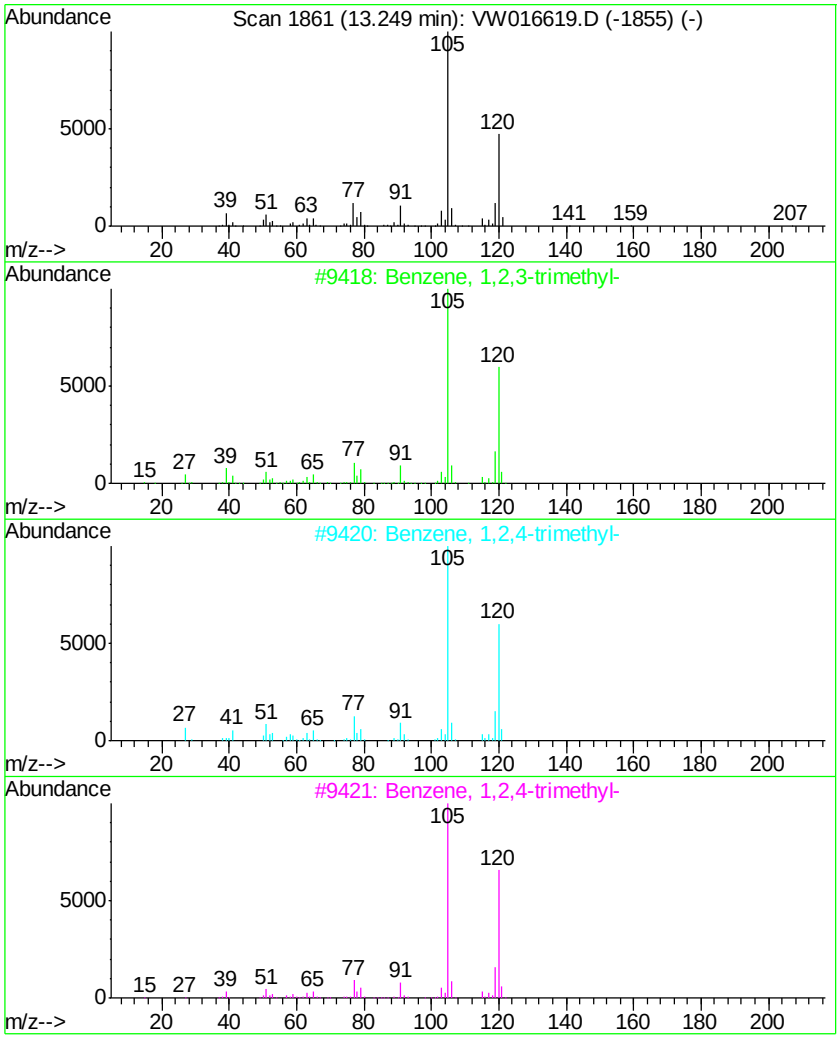
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

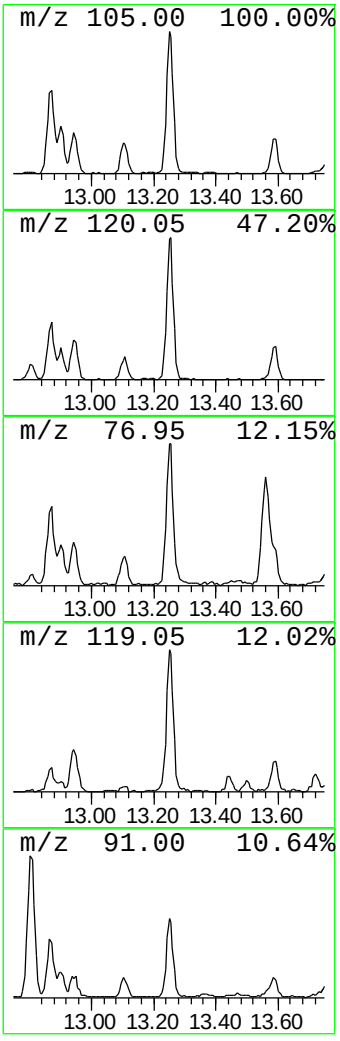
****

Peak Number 10 Benzene, 1,2,3-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	4.71 ug/L	299462	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
4	Mesitylene	120	C9H12	000108-67-8	94
5	Mesitylene	120	C9H12	000108-67-8	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092320\
Data File : VW016619.D
Acq On : 22 Sep 2020 19:04
Operator : SY/VA
Sample : VIBLK04
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK04

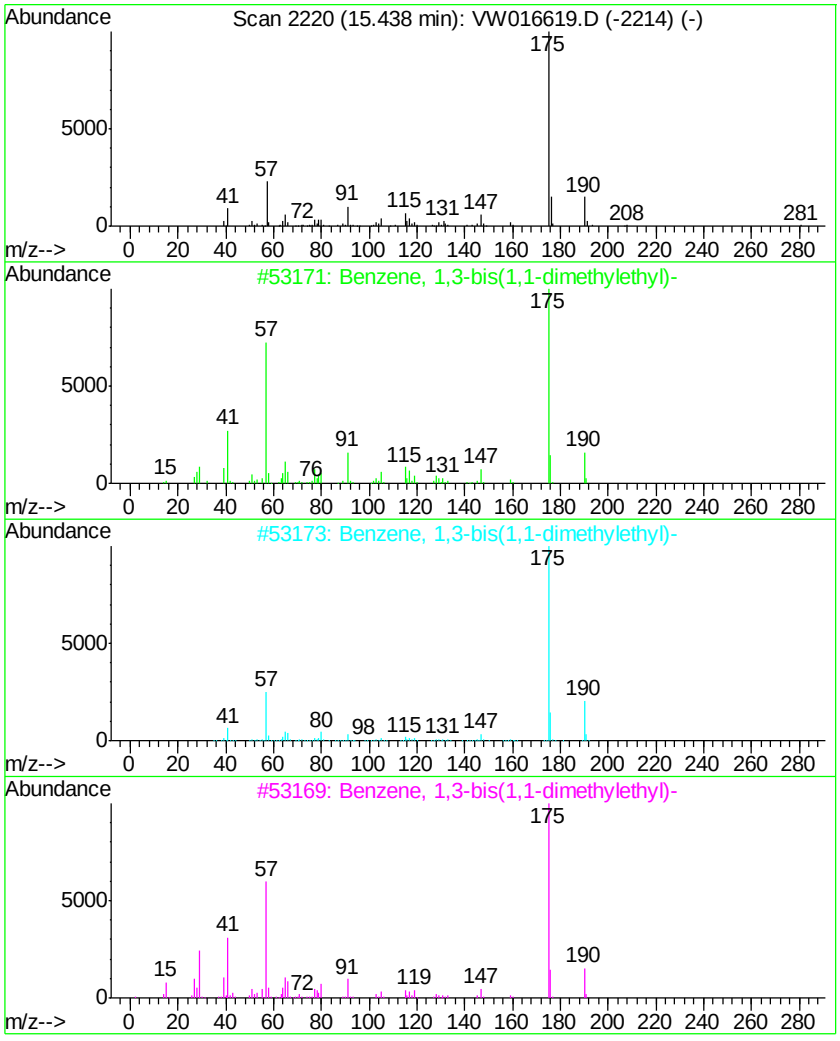
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

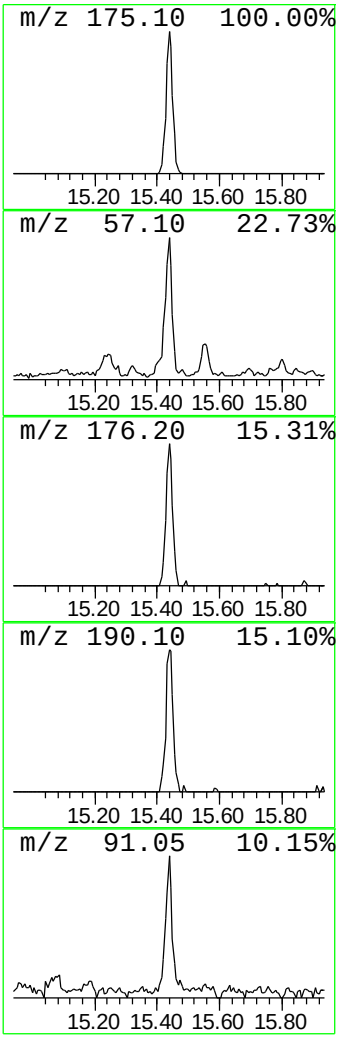
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, 1,3-bis(1,1-dimeth... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.44	1.30 ug/L	82552	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	94
2	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	91
3	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	86
4	Benzene, 1,4-bis(1,1-dimethyleth...	190	C14H22	001012-72-2	86
5	Benzenepropanal, 4-(1,1-dimethyl...	190	C13H18O	018127-01-0	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092320\
Data File : VW016619.D
Acq On : 22 Sep 2020 19:04
Operator : SY/VA
Sample : VIBLK04
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK04

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.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
(DEL) Alkane: Str...	5.95	4.8	ug/L	252915	1	8.85	1318280	25.0
unknown-01	11.07	2.1	ug/L	128001	2	11.63	1520180	25.0
7H-Dibenzo[b,g]ca...	12.61	5.7	ug/L	363858	3	13.56	1589570	25.0
Benzene, 1-ethyl-...	12.87	2.7	ug/L	168902	3	13.56	1589570	25.0
Benzene, 1,2,4-tr...	12.94	1.8	ug/L	111504	3	13.56	1589570	25.0
Benzene, 1,2,3-tr...	13.25	4.7	ug/L	299462	3	13.56	1589570	25.0
Benzene, 1,3-bis(...	15.44	1.3	ug/L	82552	3	13.56	1589570	25.0