LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW020520\
Data File : VW014881.D
Acq On : 05 Feb 2020 20:41
Operator : SY/VA
Sample : L1324-14
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAT69

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\SOM2WLM020520S.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	2.349	68	73	83	rVB	166348	295105	3.03%	0.806%
2	2.885	155	161	177	rVB	146087	348778	3.58%	0.952%
3	4.013	333	346	358	rBV	261901	765769	7.87%	2.091%
4	4.123	358	364	374	rVB2	14498	40423	0.42%	0.110%
5	4.306	392	394	398	rVB5	1316	1388	0.01%	0.004%
6	4.367	401	404	405	rBV2	1251	1533	0.02%	0.004%
7	4.391	405	408	409	rBV3	1532	1576	0.02%	0.004%
8	4.525	429	430	434	rVB4	1022	936	0.01%	0.003%
9	4.647	449	450	454	rBV4	667	916	0.01%	0.003%
10	4.751	465	467	469	rBV2	1145	1233	0.01%	0.003%
11	4.915	480	494	507	rBV3	46994	156363	1.61%	0.427%
12	5.080	518	521	525	rBV5	799	1602	0.02%	0.004%
13	5.129	527	529	530	rVV	1698	1344	0.01%	0.004%
14	5.153	530	533	544	rVB7	2832	8703	0.09%	0.024%
15	5.434	576	579	581	rBV4	1415	1434	0.01%	0.004%
16	5.519	588	593	595	rBV2	692	1199	0.01%	0.003%
17	5.665	613	617	618	rVV3	811	927	0.01%	0.003%
18	5.751	628	631	633	rVV3	847	1129	0.01%	0.003%
19	5.787	635	637	640	rVV4	834	1236	0.01%	0.003%
20	5.848	643	647	648	rVV2	848	995	0.01%	0.003%
21	5.940	651	662	672	rVB6	3624	13034	0.13%	0.036%
22	6.891	816	818	819	rBV2	915	911	0.01%	0.002%
23	6.915	819	822	823	rBV3	916	1063	0.01%	0.003%
24	7.073	839	848	853	rBV2	79984	217558	2.23%	0.594%
25	7.439	905	908	911	rVB3	1005	1007	0.01%	0.003%
26	7.647	932	942	954	rVB	451782	1104632	11.35%	3.016%
27	7.890	979	982	983	rBV2	787	930	0.01%	0.003%
28	7.939	986	990	994	rVV7	1203	1978	0.02%	0.005%
29	8.274	1034	1045	1063	rBV2	886913	2636828	27.08%	7.200%
30	8.445	1071	1073	1076	rBV4	1221	1300	0.01%	0.004%
31	8.524	1084	1086	1089	rVB3	1186	1520	0.02%	0.004%
32	8.689	1110	1113	1116	rBV5	1470	2112	0.02%	0.006%
33	8.762	1123	1125	1129	rBV3	1178	1736	0.02%	0.005%
34	8.841	1129	1138	1152	rBV	808427	1598261	16.42%	4.364%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW020520\
Data File : VW014881.D
Acq On : 05 Feb 2020 20:41
Operator : SY/VA
Sample : L1324-14
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAT69

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\SOM2WLM020520S.M
Title : VOC Analysis

35	9.073	1169	1176	1183	rVB7	5384	10983	0.11%	0.030%
36	9.274	1197	1209	1219	rBV	655139	1348657	13.85%	3.683%
37	9.555	1250	1255	1256	rVB4	1179	1218	0.01%	0.003%
38	9.597	1256	1262	1263	rBV4	1031	1679	0.02%	0.005%
39	9.658	1266	1272	1280	rVV7	5547	11927	0.12%	0.033%
40	9.841	1299	1302	1306	rVB5	818	1168	0.01%	0.003%
41	9.902	1306	1312	1313	rBV4	1077	1710	0.02%	0.005%
42	10.030	1326	1333	1341	rBV	277431	506500	5.20%	1.383%
43	10.128	1345	1349	1354	rVV5	3431	6572	0.07%	0.018%
44	10.207	1357	1362	1369	rBV3	5327	9568	0.10%	0.026%
45	10.323	1373	1381	1388	rBV	1144399	1973585	20.27%	5.389%
46	10.384	1388	1391	1400	rVB	26778	47709	0.49%	0.130%
47	10.579	1415	1423	1435	rBV	187271	336374	3.45%	0.919%
48	10.707	1437	1444	1450	rVB2	60620	111878	1.15%	0.305%
49	10.823	1460	1463	1464	rBV3	1261	1428	0.01%	0.004%
50	10.853	1464	1468	1473	rVV6	6960	14735	0.15%	0.040%
51	10.920	1473	1479	1494	rVV	306802	552606	5.68%	1.509%
52	11.061	1496	1502	1513	rVV2	71033	123817	1.27%	0.338%
53	11.170	1517	1520	1526	rVB7	2840	5894	0.06%	0.016%
54	11.335	1545	1547	1552	rVB4	1393	1822	0.02%	0.005%
55	11.439	1554	1564	1570	rVB2	19684	35363	0.36%	0.097%
56	11.493	1572	1573	1576	rVB3	1584	1212	0.01%	0.003%
57	11.628	1585	1595	1606	rBV	1204865	2005559	20.60%	5.476%
58	11.804	1619	1624	1625	rBV4	1875	2332	0.02%	0.006%
59	11.835	1625	1629	1640	rVB2	7793	17979	0.18%	0.049%
60	12.176	1679	1685	1692	rVV3	22034	42200	0.43%	0.115%
61	12.335	1710	1711	1713	rBV2	1572	1267	0.01%	0.003%
62	12.463	1727	1732	1738	rVB7	2444	5209	0.05%	0.014%
63	12.512	1738	1740	1743	rBV3	1389	1789	0.02%	0.005%
64	12.548	1745	1746	1749	rBV3	987	961	0.01%	0.003%
65	12.609	1749	1756	1762	rVB	73593	124109	1.27%	0.339%
66	12.688	1762	1769	1779	rBV	458858	775297	7.96%	2.117%
67	12.755	1779	1780	1785	rVB4	2421	2800	0.03%	0.008%
68	12.841	1791	1794	1795	rBV2	1189	1315	0.01%	0.004%
69	12.859	1795	1797	1798	rVV2	1662	1613	0.02%	0.004%
70	12.896	1798	1803	1804	rVV5	3867	6809	0.07%	0.019%
71	12.932	1804	1809	1816	rVB4	40372	71346	0.73%	0.195%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW020520\
Data File : VW014881.D
Acq On : 05 Feb 2020 20:41
Operator : SY/VA
Sample : L1324-14
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAT69

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\SOM2WLM020520S.M
Title : VOC Analysis

72	13.036	1822	1826	1827	rBV3	1425	1669	0.02%	0.005%
73	13.103	1830	1837	1844	rVB6	7117	16983	0.17%	0.046%
74	13.249	1849	1861	1865	rBV	94969	165614	1.70%	0.452%
75	13.298	1865	1869	1874	rVV	172970	272423	2.80%	0.744%
76	13.347	1874	1877	1883	rVB	38837	60255	0.62%	0.165%
77	13.469	1891	1897	1901	rBV5	12980	24730	0.25%	0.068%
78	13.560	1905	1912	1920	rBV2	1009277	2284314	23.46%	6.238%
79	13.627	1920	1923	1932	rVB	179154	265031	2.72%	0.724%
80	13.713	1932	1937	1939	rBV3	29838	49657	0.51%	0.136%
81	13.755	1939	1944	1947	rBV2	127482	213144	2.19%	0.582%
82	13.853	1954	1960	1967	rVB	960065	1551239	15.93%	4.236%
83	13.938	1967	1974	1981	rVB	670321	1092586	11.22%	2.983%
84	14.036	1981	1990	1992	rBV2	120908	285207	2.93%	0.779%
85	14.090	1997	1999	2003	rVB	131817	175433	1.80%	0.479%
86	14.145	2003	2008	2013	rVB2	74726	150952	1.55%	0.412%
87	14.231	2013	2022	2027	rBV	403159	689979	7.09%	1.884%
88	14.286	2027	2031	2036	rBV3	55493	79190	0.81%	0.216%
89	14.334	2036	2039	2044	rVB	57852	80411	0.83%	0.220%
90	14.414	2044	2052	2055	rBV	153213	273676	2.81%	0.747%
91	14.456	2055	2059	2064	rVB2	377858	557596	5.73%	1.523%
92	14.554	2070	2075	2080	rBV2	172521	268844	2.76%	0.734%
93	14.688	2092	2097	2101	rBV	92493	151459	1.56%	0.414%
94	14.792	2108	2114	2121	rBV2	413248	817585	8.40%	2.233%
95	14.871	2122	2127	2134	rVB2	165764	295726	3.04%	0.808%
96	14.956	2135	2141	2148	rVV	495493	827975	8.50%	2.261%
97	15.176	2173	2177	2181	rVB4	24941	42578	0.44%	0.116%
98	15.365	2201	2208	2216	rBV	5683767	9736355	100.00%	26.586%
99	16.444	2378	2385	2395	rVB	211067	443856	4.56%	1.212%
100	16.645	2410	2418	2427	rVB	161349	364678	3.75%	0.996%

Sum of corrected areas: 36621594

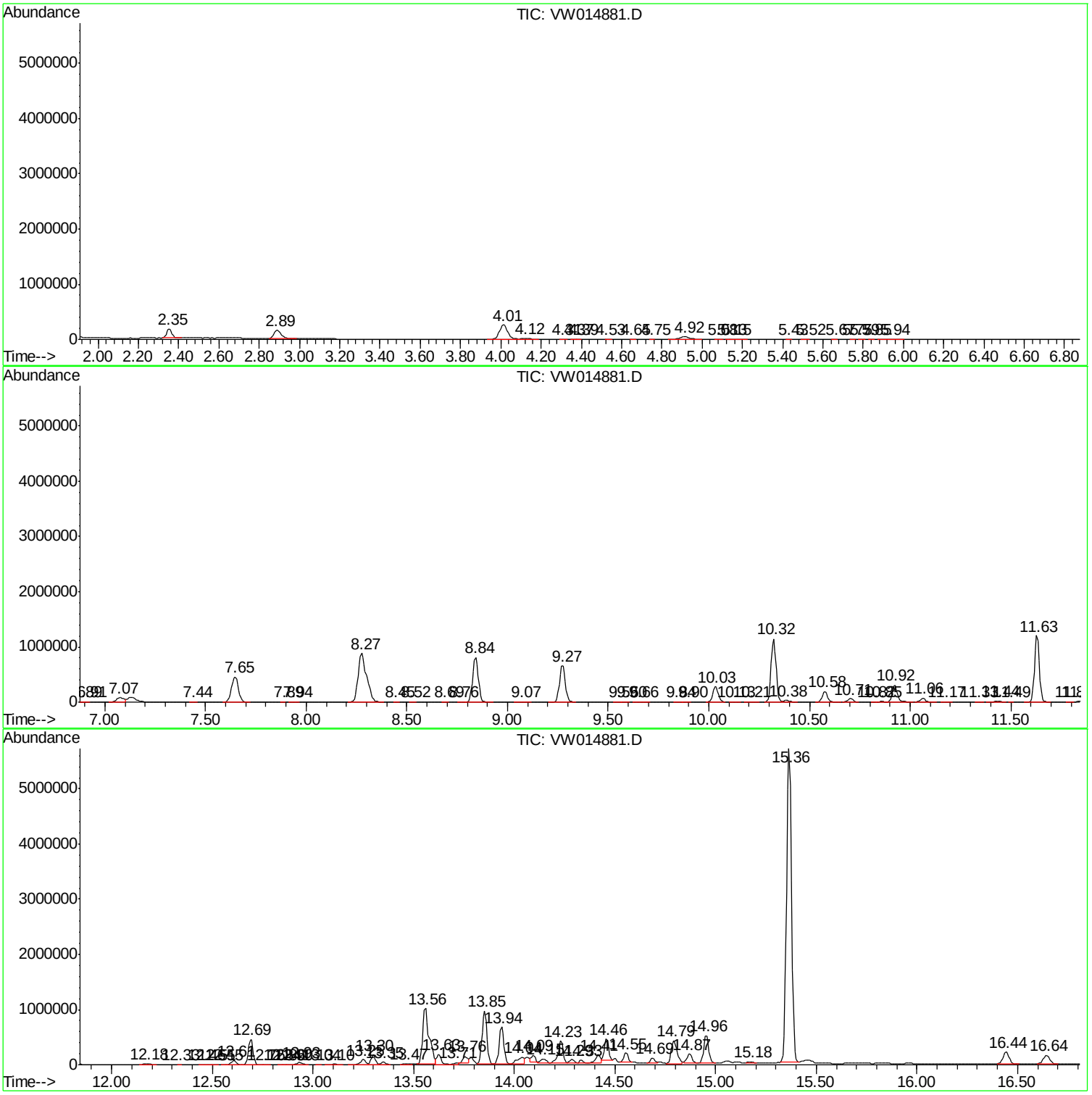
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW020520\
Data File : VW014881.D
Acq On : 05 Feb 2020 20:41
Operator : SY/VA
Sample : L1324-14
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAT69

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020520S.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\VW020520\
Data File : VW014881.D
Acq On : 05 Feb 2020 20:41
Operator : SY/VA
Sample : L1324-14
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAT69

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020520S.M
Quant Title : VOC Analysis

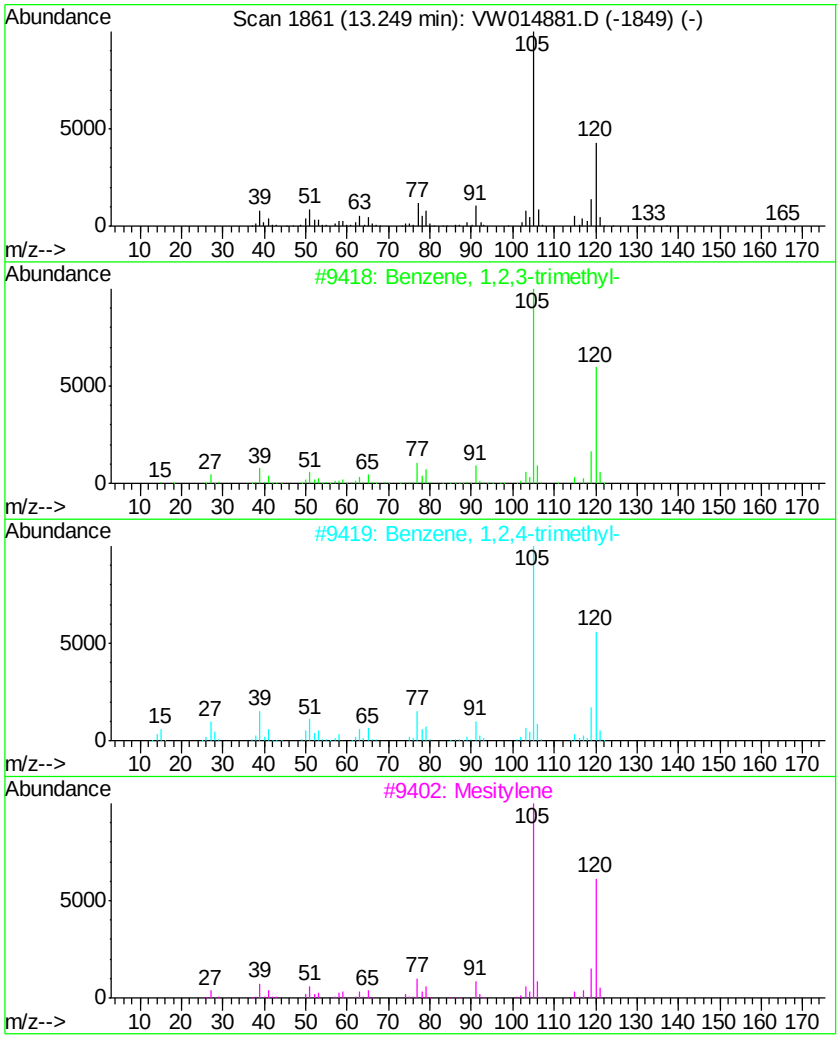
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

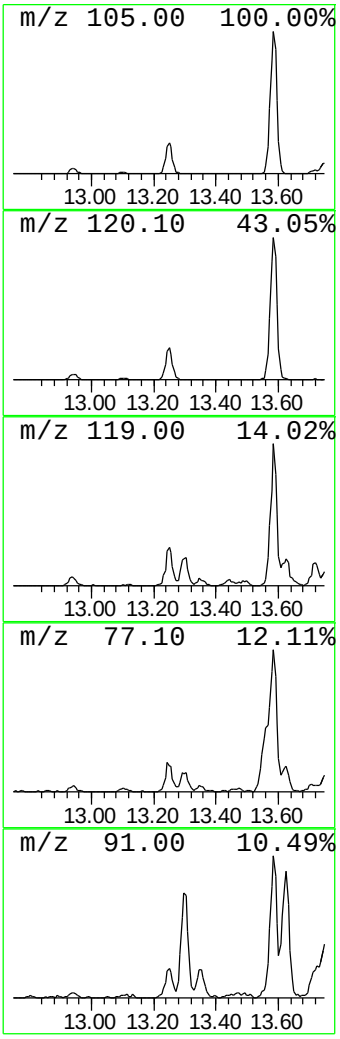
****

Peak Number 5 Benzene, 1,2,3-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	1.81 ug/L	165614	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	95
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
3	Mesitylene	120	C9H12	000108-67-8	94
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW020520\
Data File : VW014881.D
Acq On : 05 Feb 2020 20:41
Operator : SY/VA
Sample : L1324-14
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAT69

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020520S.M
Quant Title : VOC Analysis

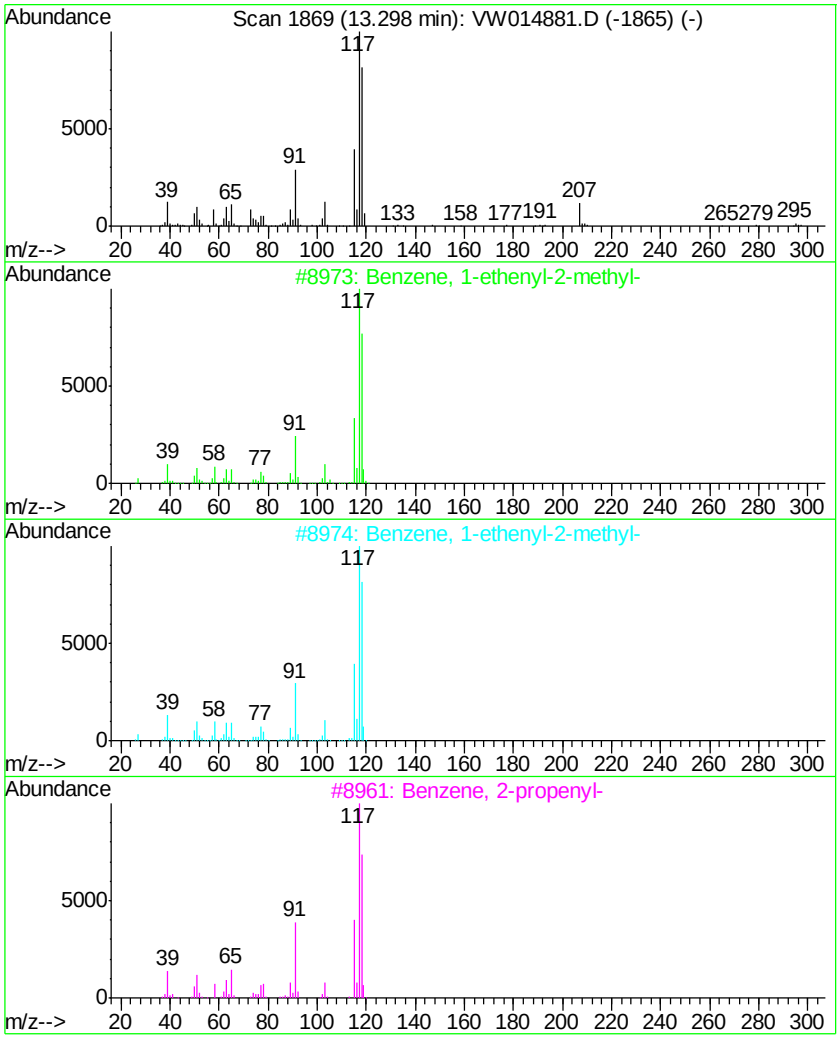
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

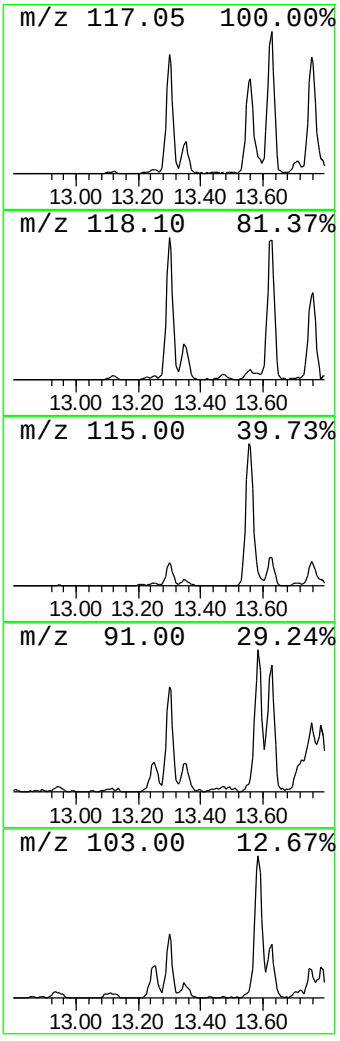
****

Peak Number 6 Benzene, 1-ethenyl-2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.30	2.98 ug/L	272423	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	94
2	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	94
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	93
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	93
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	89





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW020520\
Data File : VW014881.D
Acq On : 05 Feb 2020 20:41
Operator : SY/VA
Sample : L1324-14
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAT69

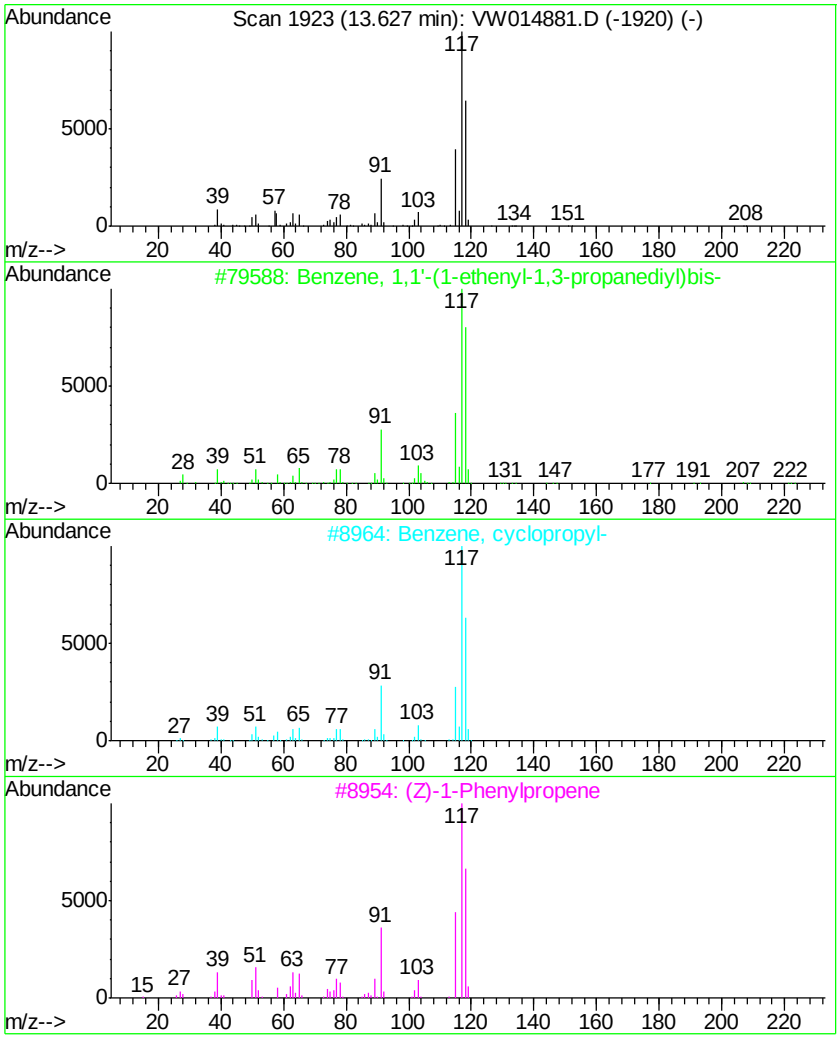
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020520S.M
Quant Title : VOC Analysis

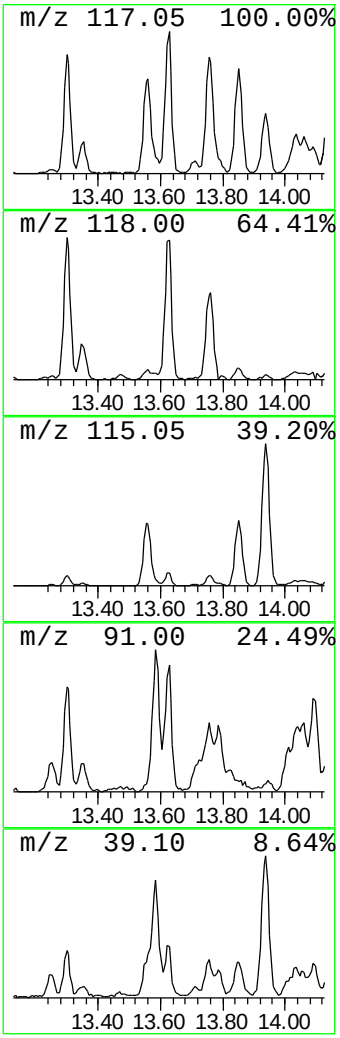
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 1,1'-(1-ethenyl-1,... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	2.90 ug/L	265031	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1'-(1-ethenyl-1,3-pro...	222	C17H18	061141-97-7	90
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	76
3	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	76
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	76
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	76





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW020520\
Data File : VW014881.D
Acq On : 05 Feb 2020 20:41
Operator : SY/VA
Sample : L1324-14
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAT69

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020520S.M
Quant Title : VOC Analysis

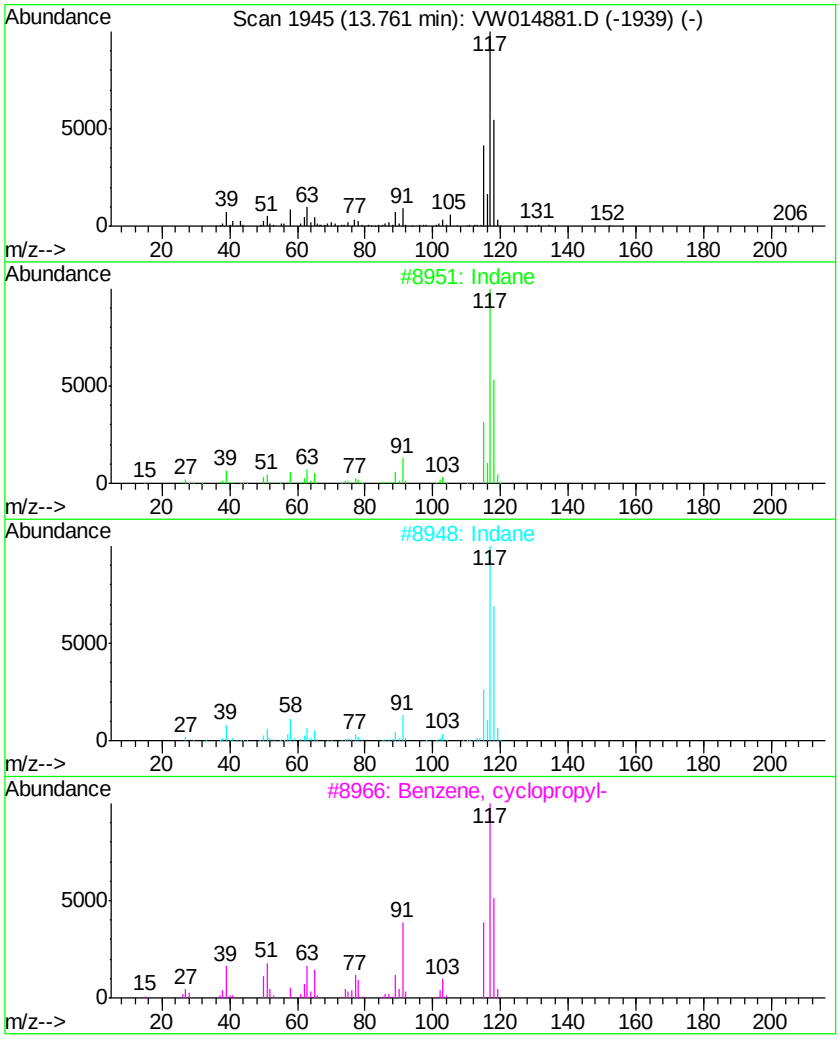
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

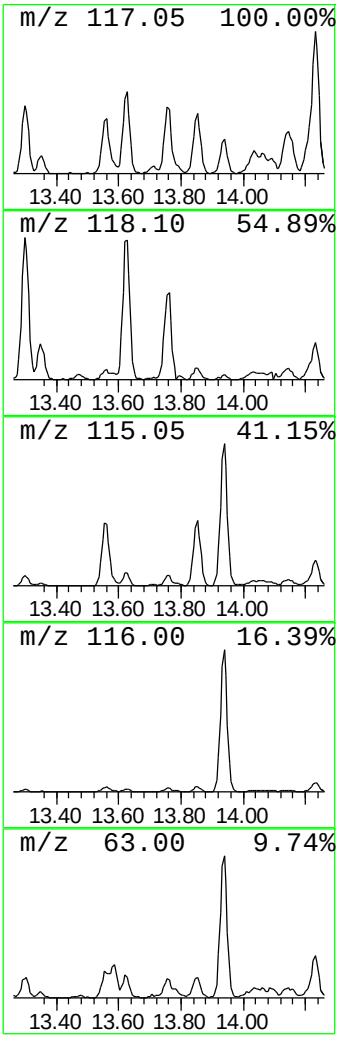
****

Peak Number 8 Indane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	2.33 ug/L	213144	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Indane	118	C9H10	000496-11-7	70
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	70
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	58
5	Indane	118	C9H10	000496-11-7	55





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW020520\
Data File : VW014881.D
Acq On : 05 Feb 2020 20:41
Operator : SY/VA
Sample : L1324-14
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAT69

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020520S.M
Quant Title : VOC Analysis

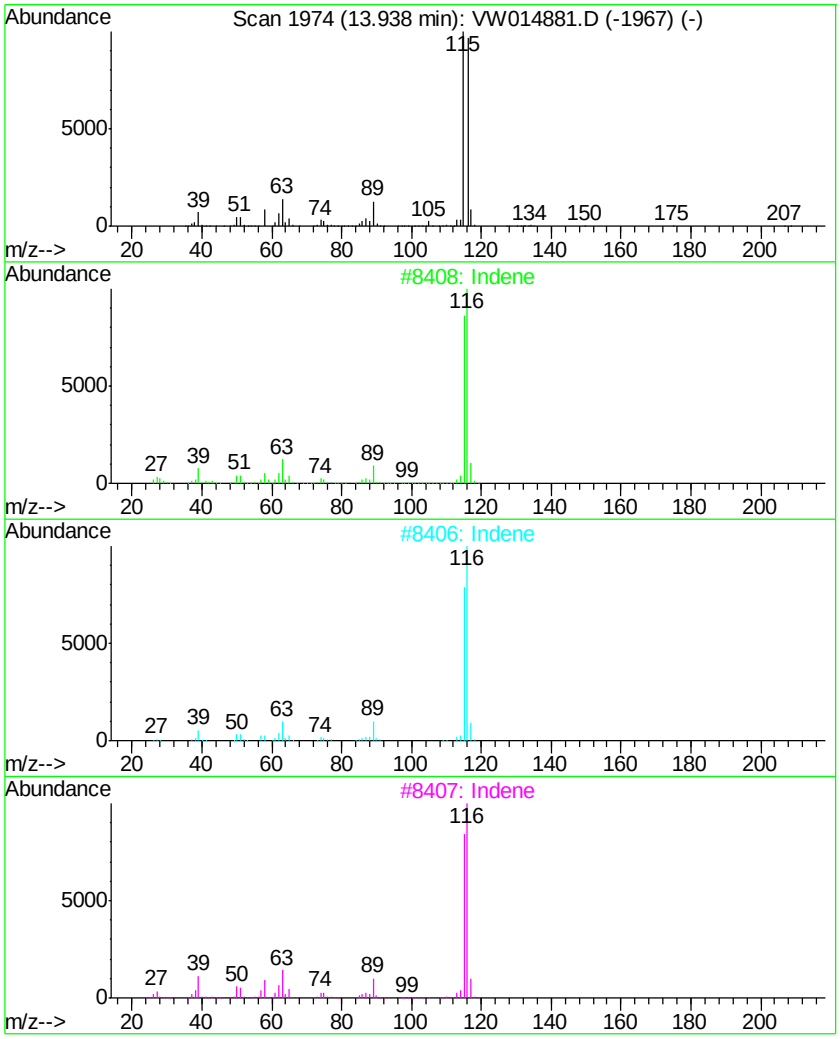
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

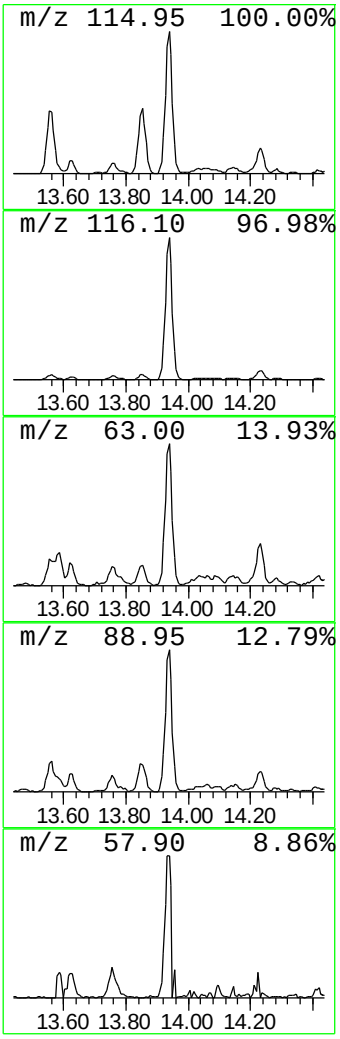
****

Peak Number 9 Indene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	11.96 ug/L	1092590	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	95
2	Indene	116	C9H8	000095-13-6	95
3	Indene	116	C9H8	000095-13-6	94
4	3-Methylphenylacetylene	116	C9H8	000766-82-5	91
5	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW020520\
Data File : VW014881.D
Acq On : 05 Feb 2020 20:41
Operator : SY/VA
Sample : L1324-14
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAT69

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020520S.M
Quant Title : VOC Analysis

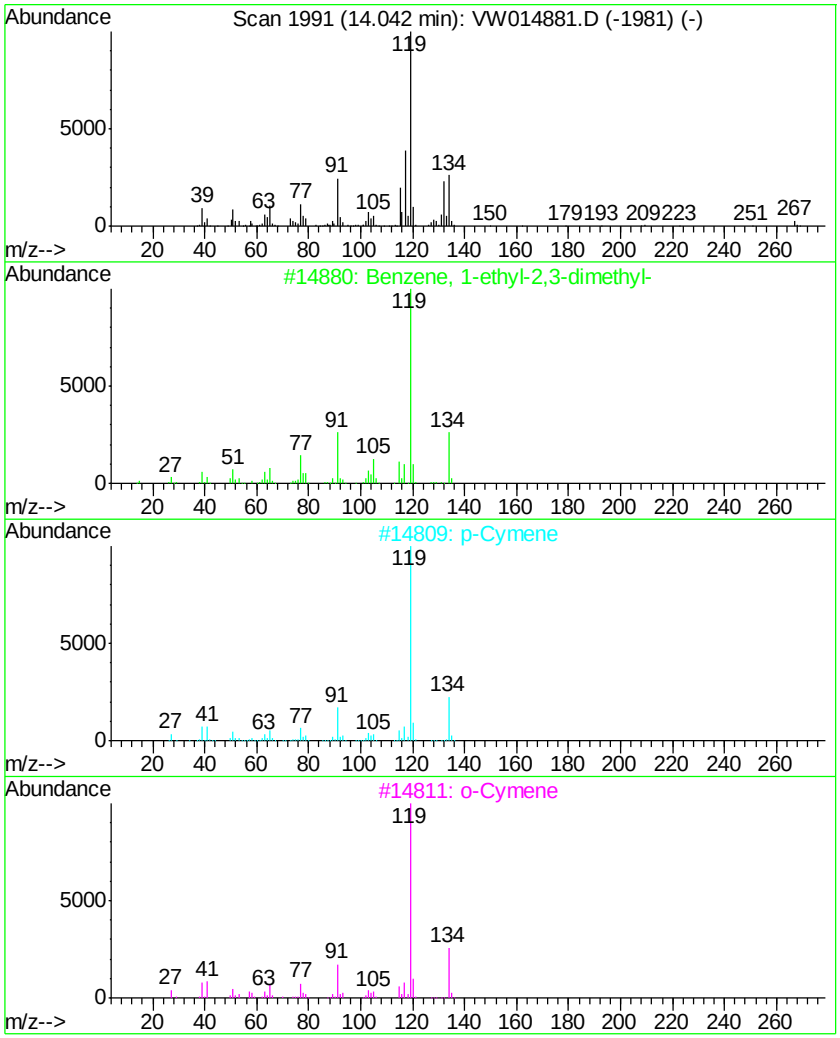
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

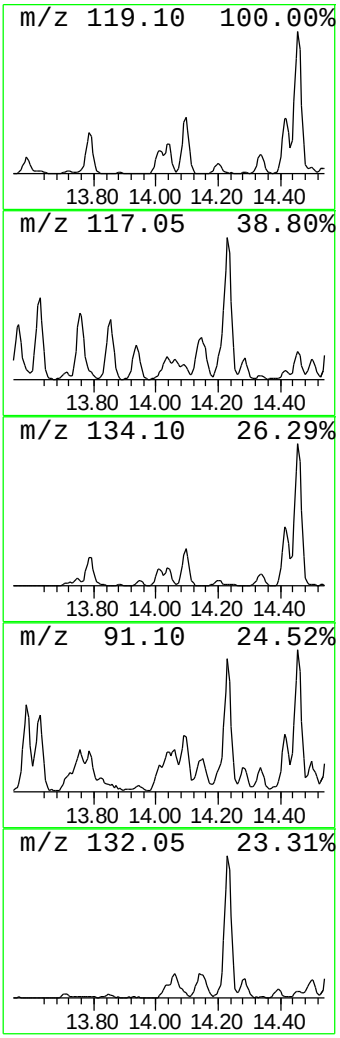
****

Peak Number 10 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.04	3.12 ug/L	285207	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	60
2	p-Cymene	134	C10H14	000099-87-6	60
3	o-Cymene	134	C10H14	000527-84-4	60
4	o-Cymene	134	C10H14	000527-84-4	60
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	60





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW020520\
Data File : VW014881.D
Acq On : 05 Feb 2020 20:41
Operator : SY/VA
Sample : L1324-14
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAT69

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020520S.M
Quant Title : VOC Analysis

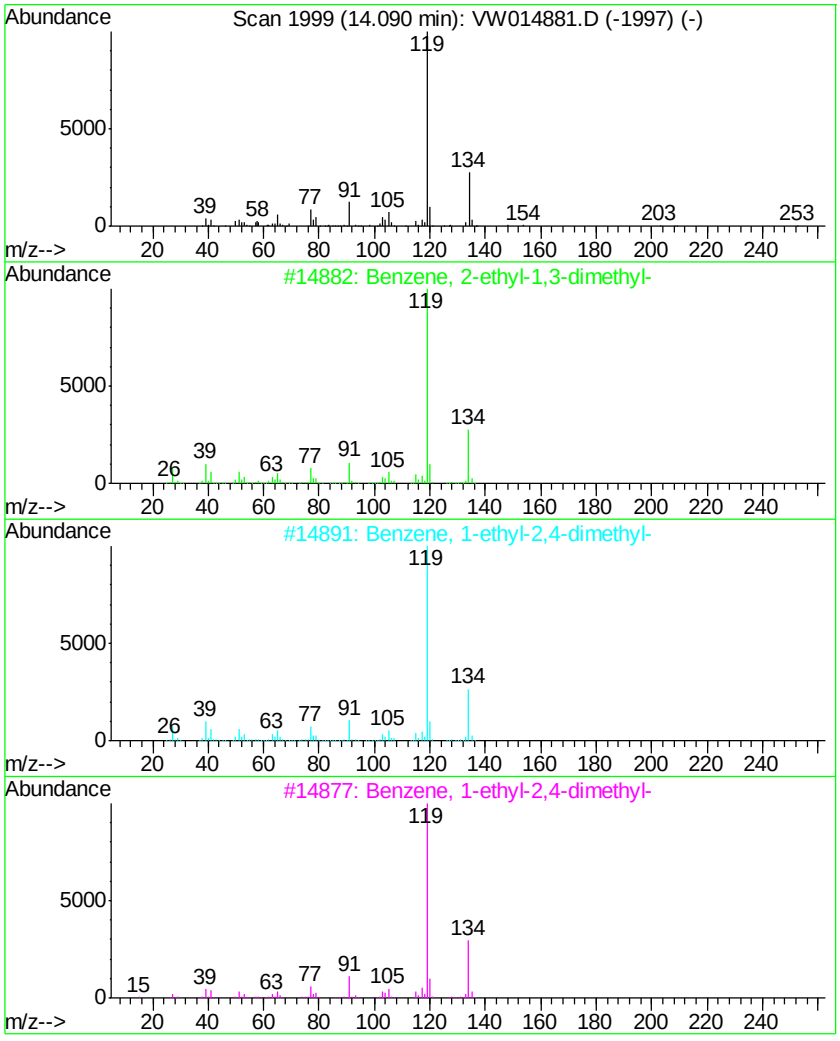
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

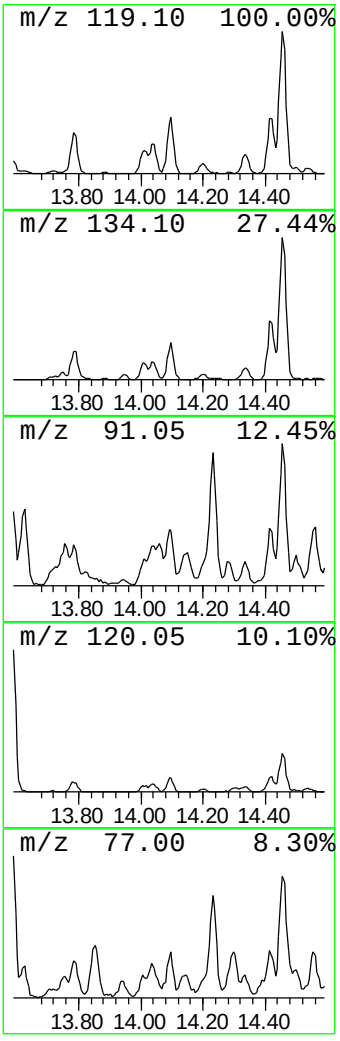
****

Peak Number 11 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.09	1.92 ug/L	175433	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW020520\
Data File : VW014881.D
Acq On : 05 Feb 2020 20:41
Operator : SY/VA
Sample : L1324-14
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAT69

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020520S.M
Quant Title : VOC Analysis

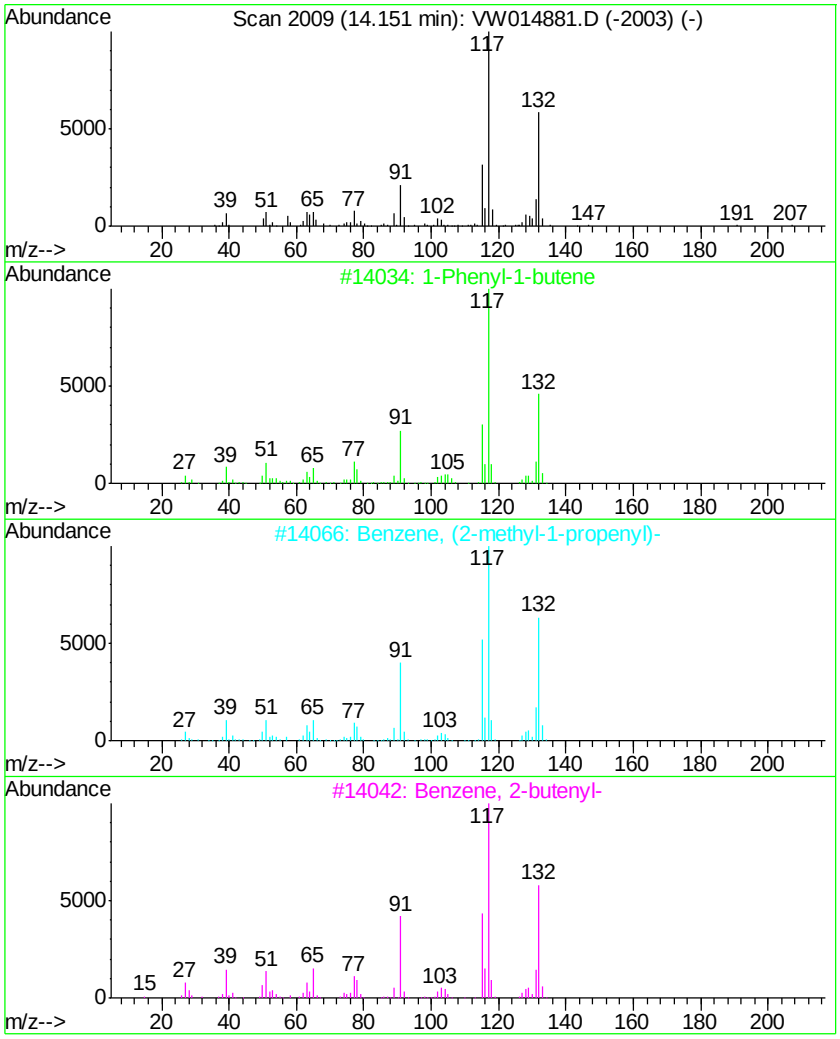
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

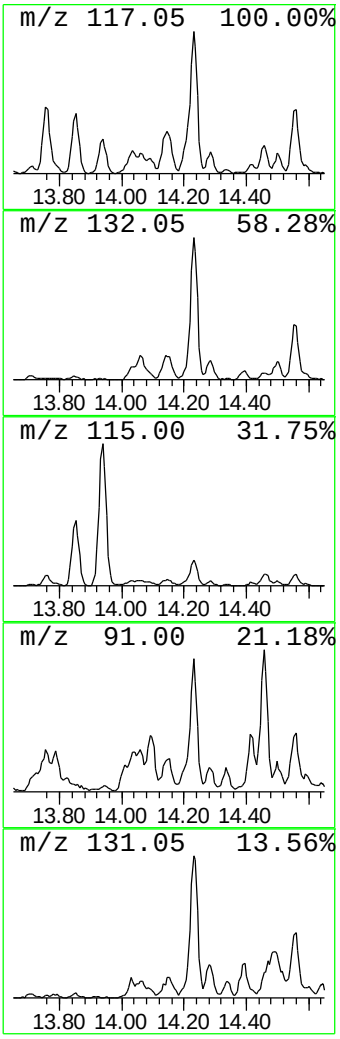
****

Peak Number 12 1-Phenyl-1-butene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.15	1.65 ug/L	150952	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	95
2	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	94
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	94
4	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	94
5	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW020520\
Data File : VW014881.D
Acq On : 05 Feb 2020 20:41
Operator : SY/VA
Sample : L1324-14
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAT69

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020520S.M
Quant Title : VOC Analysis

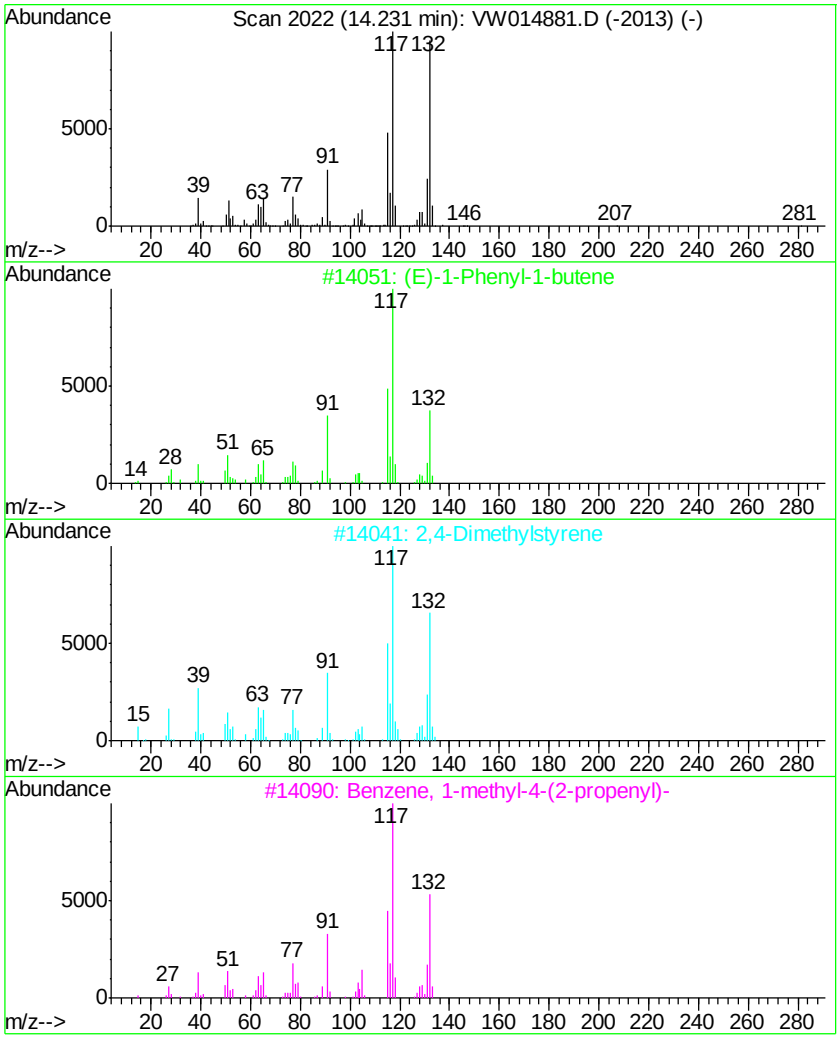
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

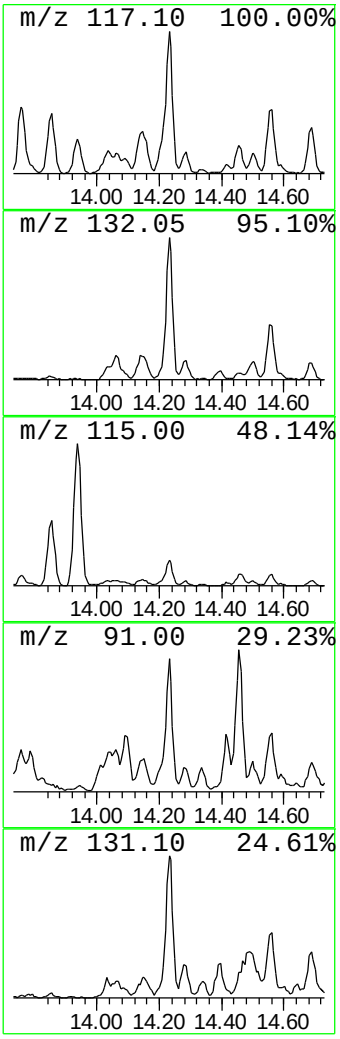
****

Peak Number 13 (E)-1-Phenyl-1-butene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.23	7.55 ug/L	689979	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	96
2	2,4-Dimethylstyrene	132	C10H12	002234-20-0	96
3	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	95
4	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	95
5	Benzene, 4-ethenyl-1,2-dimethyl-	132	C10H12	027831-13-6	95





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW020520\
Data File : VW014881.D
Acq On : 05 Feb 2020 20:41
Operator : SY/VA
Sample : L1324-14
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAT69

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020520S.M
Quant Title : VOC Analysis

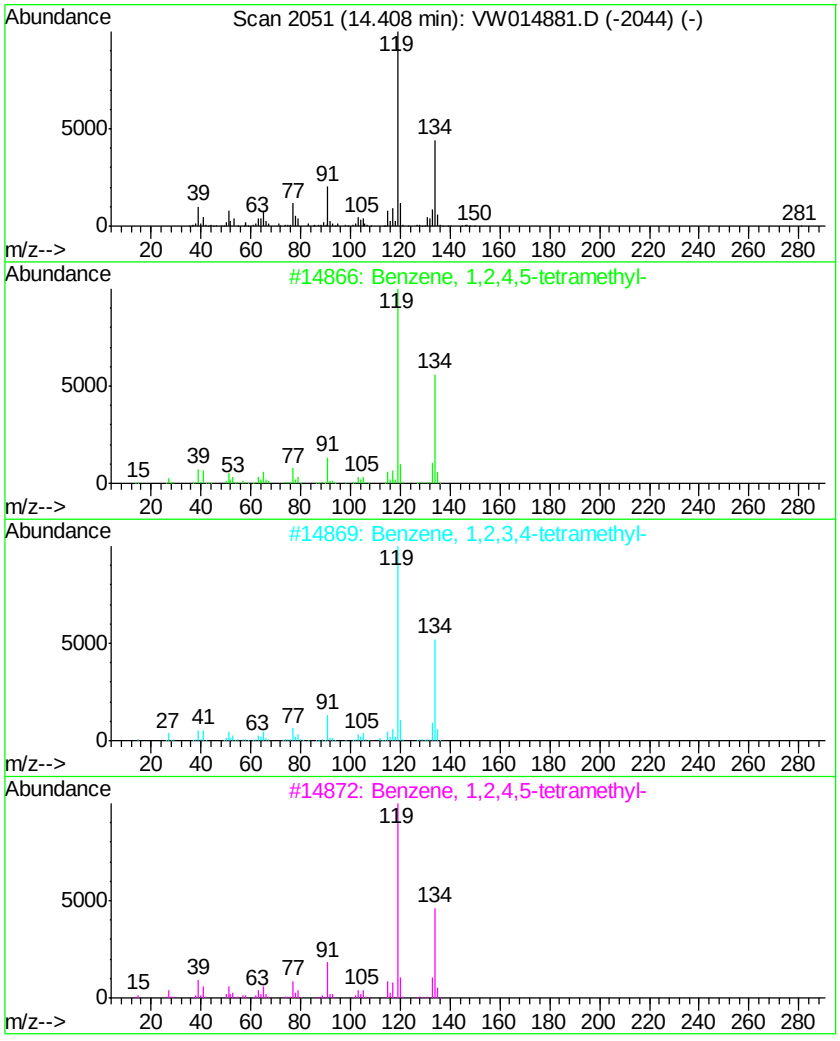
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

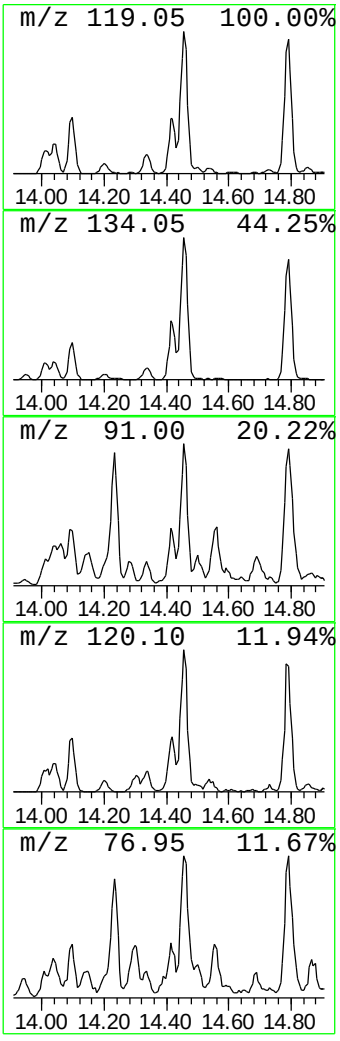
****

Peak Number 14 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.41	3.00 ug/L	273676	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	93
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW020520\
Data File : VW014881.D
Acq On : 05 Feb 2020 20:41
Operator : SY/VA
Sample : L1324-14
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAT69

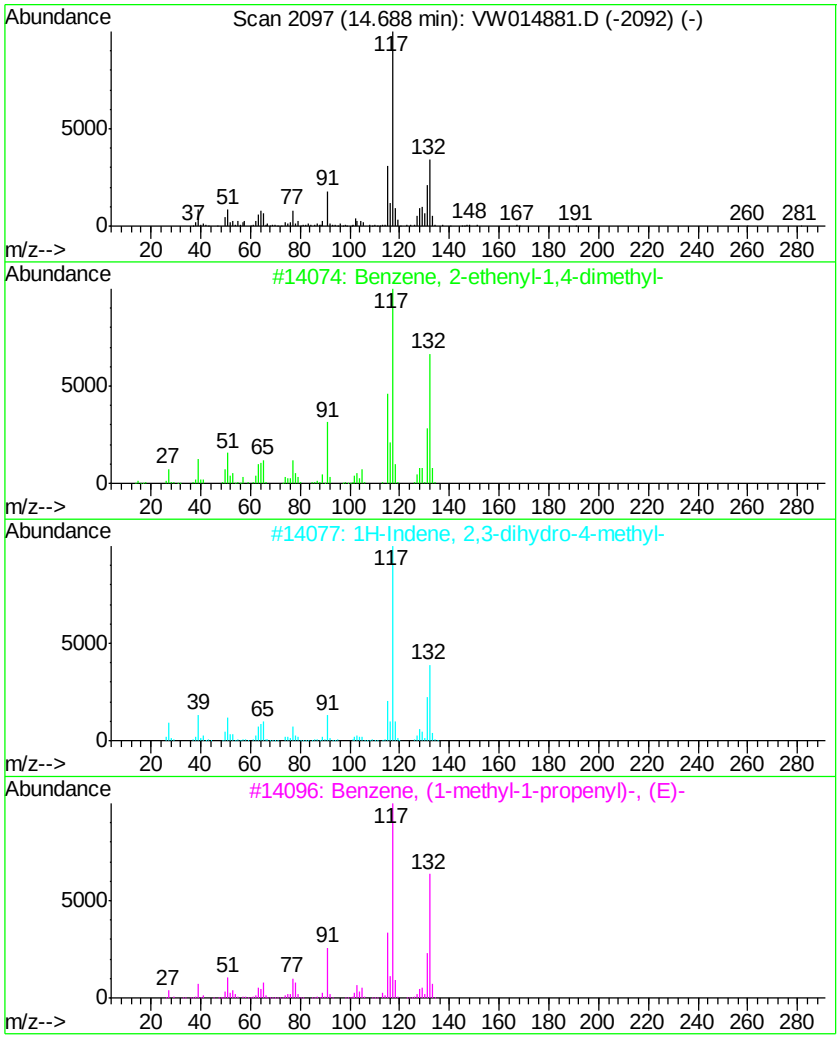
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020520S.M
Quant Title : VOC Analysis

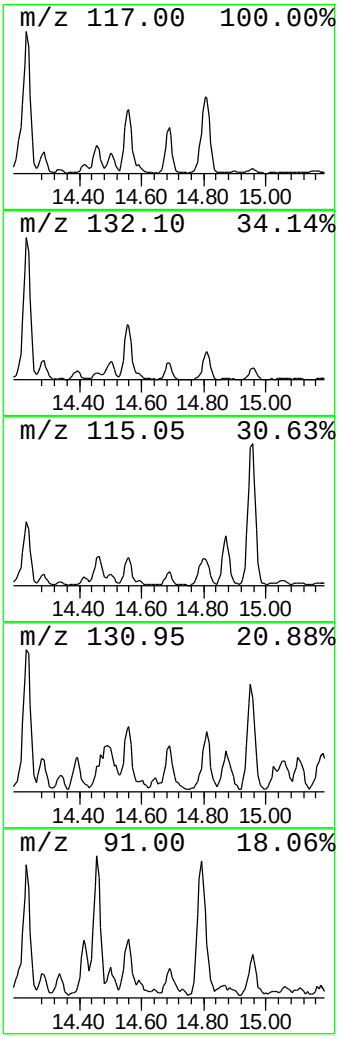
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	1.66 ug/L	151459	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	93
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	80
4	Indan, 1-methyl-	132	C10H12	000767-58-8	76
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	72





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW020520\
Data File : VW014881.D
Acq On : 05 Feb 2020 20:41
Operator : SY/VA
Sample : L1324-14
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAT69

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020520S.M
Quant Title : VOC Analysis

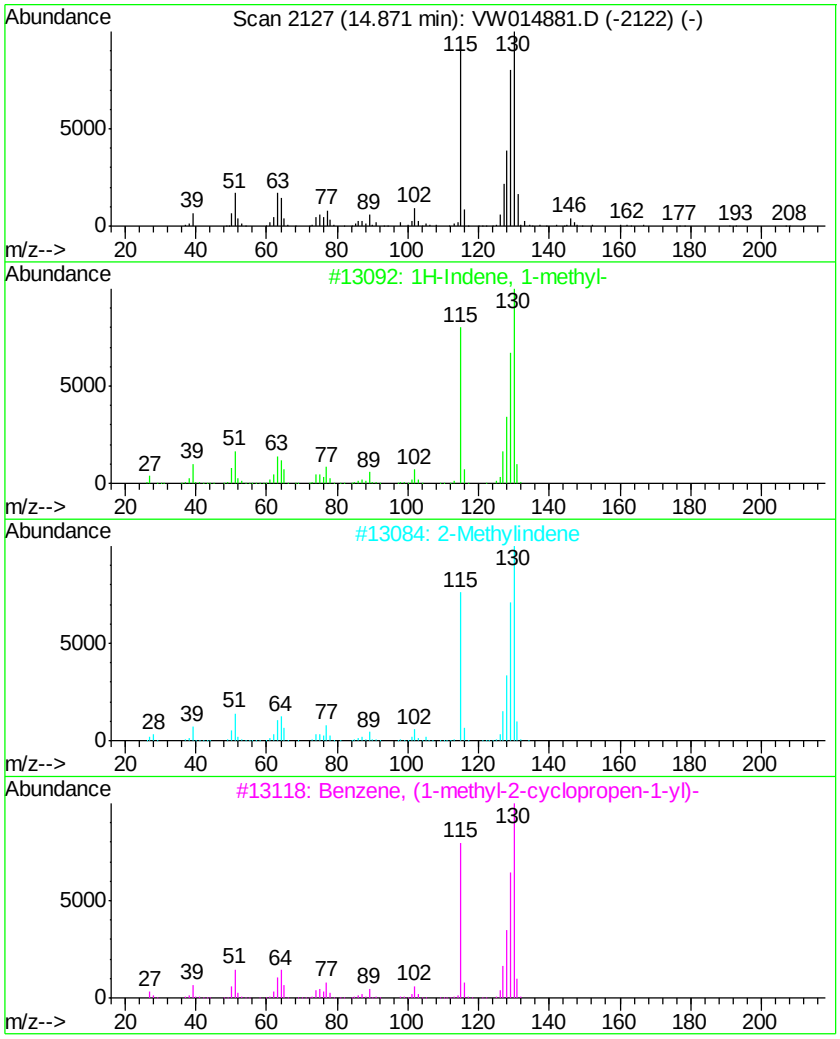
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

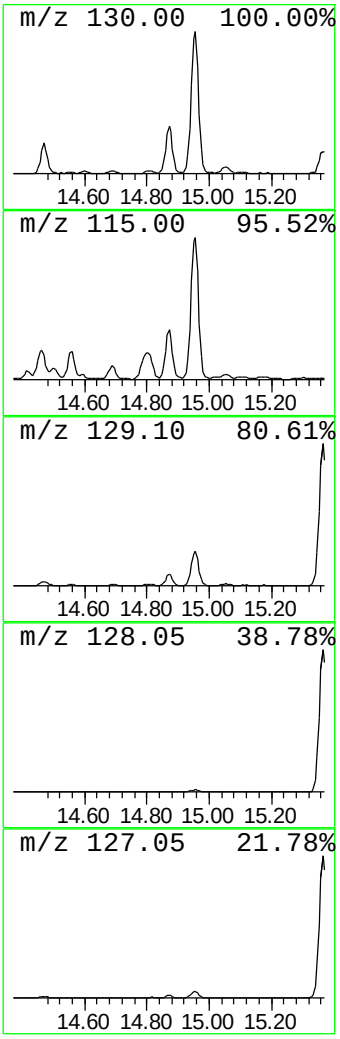
****

Peak Number 19 1H-Indene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	3.24 ug/L	295726	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
2	2-Methylindene	130	C10H10	002177-47-1	95
3	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	95
4	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	95
5	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	94





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW020520\
Data File : VW014881.D
Acq On : 05 Feb 2020 20:41
Operator : SY/VA
Sample : L1324-14
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAT69

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020520S.M
Quant Title : VOC Analysis

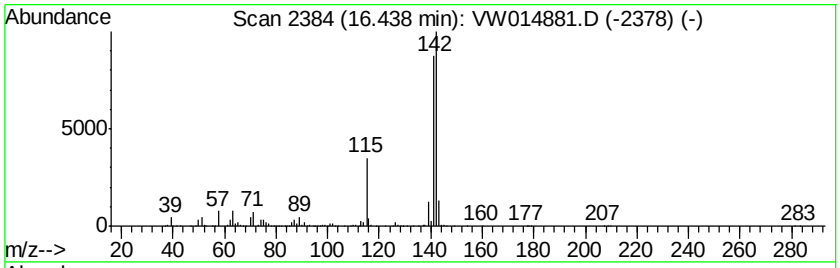
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

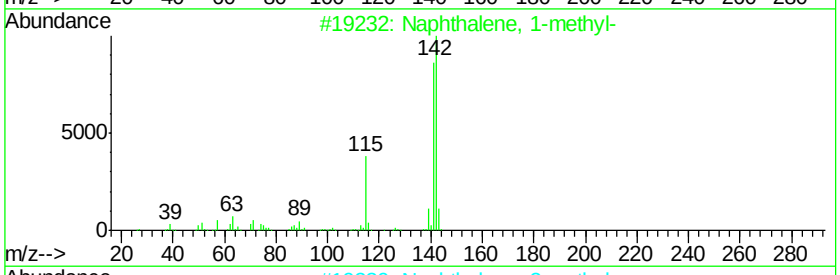
****

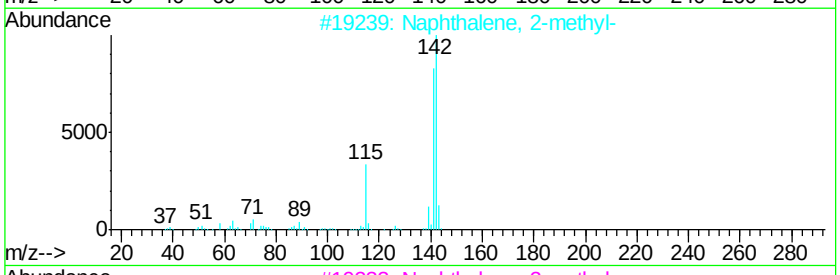
Peak Number 22 Naphthalene, 1-methyl- Concentration Rank 8

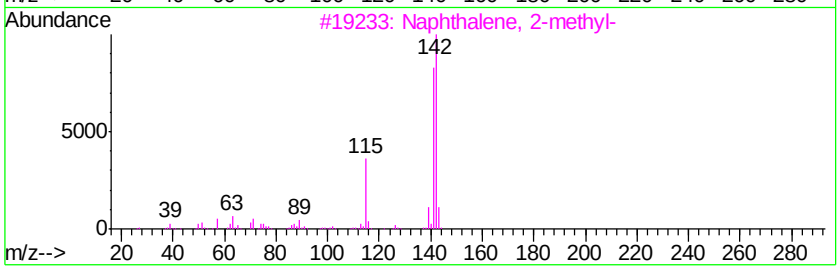
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.44	4.86 ug/L	443856	1,4-Dichlorobenzene-d4	13.56

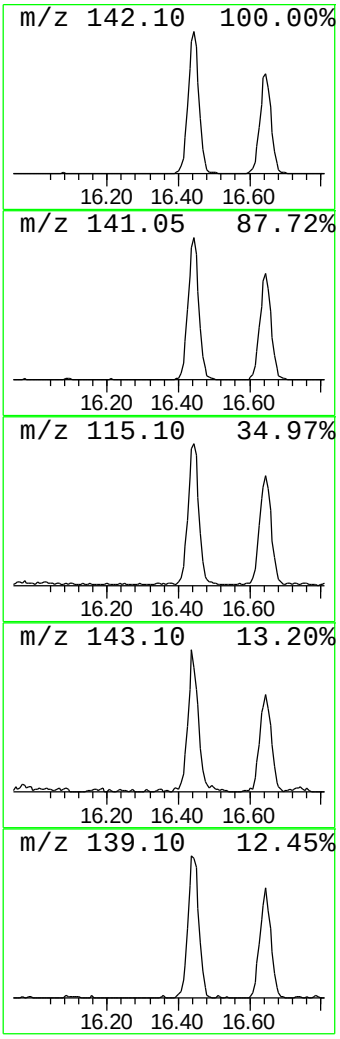
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94











Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW020520\
Data File : VW014881.D
Acq On : 05 Feb 2020 20:41
Operator : SY/VA
Sample : L1324-14
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAT69

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020520S.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
Benzene, 1,2,3-tr...	13.25	1.8	ug/L	165614	3	13.56	2284310	25.0
Benzene, 1-etheny...	13.30	3.0	ug/L	272423	3	13.56	2284310	25.0
Benzene, 1,1'-(1-...	13.63	2.9	ug/L	265031	3	13.56	2284310	25.0
Indane	13.76	2.3	ug/L	213144	3	13.56	2284310	25.0
Indene	13.94	12.0	ug/L	1092590	3	13.56	2284310	25.0
Benzene, 1-ethyl-...	14.04	3.1	ug/L	285207	3	13.56	2284310	25.0
Benzene, 2-ethyl-...	14.09	1.9	ug/L	175433	3	13.56	2284310	25.0
1-Phenyl-1-butene	14.15	1.6	ug/L	150952	3	13.56	2284310	25.0
(E)-1-Phenyl-1-bu...	14.23	7.5	ug/L	689979	3	13.56	2284310	25.0
Benzene, 1,2,4,5-...	14.41	3.0	ug/L	273676	3	13.56	2284310	25.0
Benzene, 2-etheny...	14.69	1.7	ug/L	151459	3	13.56	2284310	25.0
1H-Indene, 1-methyl-	14.87	3.2	ug/L	295726	3	13.56	2284310	25.0
Naphthalene, 1-me...	16.44	4.9	ug/L	443856	3	13.56	2284310	25.0