LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW020420\
Data File : VW014857.D
Acq On : 04 Feb 2020 13:09
Operator : SY/VA
Sample : L1323-19
Misc : 5.04G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAT57

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\SOM2WLM020320S.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	231674	407218	1.41%	0.481%
2	2.891	155	162	176	rVB	200857	460836	1.59%	0.544%
3	3.385	240	243	245	rBV3	1159	1368	0.00%	0.002%
4	3.483	257	259	262	rBV4	968	1358	0.00%	0.002%
5	3.532	265	267	270	rBV3	1447	1492	0.01%	0.002%
6	4.013	333	346	360	rBV	399606	1107071	3.83%	1.308%
7	4.117	360	363	374	rVB2	7236	21152	0.07%	0.025%
8	4.336	396	399	401	rBV5	997	1213	0.00%	0.001%
9	4.391	401	408	410	rBV5	3224	7222	0.02%	0.009%
10	4.812	475	477	482	rBV3	728	1167	0.00%	0.001%
11	4.915	482	494	505	rBV2	35077	114390	0.40%	0.135%
12	5.098	520	524	526	rBV3	1020	1505	0.01%	0.002%
13	5.153	526	533	534	rBV4	2053	3949	0.01%	0.005%
14	5.245	546	548	552	rVB4	832	1103	0.00%	0.001%
15	5.421	571	577	578	rBV5	1413	1928	0.01%	0.002%
16	5.940	653	662	664	rBV5	7867	18025	0.06%	0.021%
17	6.287	716	719	721	rVB2	1106	1235	0.00%	0.001%
18	6.854	807	812	813	rBV5	1256	1537	0.01%	0.002%
19	6.970	830	831	836	rVB5	1142	1139	0.00%	0.001%
20	7.074	839	848	852	rBV	72888	182798	0.63%	0.216%
21	7.135	854	858	871	rVB2	104619	266607	0.92%	0.315%
22	7.244	874	876	877	rBV2	2038	1549	0.01%	0.002%
23	7.427	904	906	909	rBV4	939	1075	0.00%	0.001%
24	7.476	912	914	916	rBV2	1173	1168	0.00%	0.001%
25	7.537	921	924	925	rBV3	1224	1319	0.00%	0.002%
26	7.647	931	942	953	rBV	549135	1327036	4.59%	1.568%
27	7.787	963	965	970	rVB4	1230	1329	0.00%	0.002%
28	7.909	981	985	987	rBV5	1744	2524	0.01%	0.003%
29	7.939	988	990	997	rVB6	2538	5016	0.02%	0.006%
30	8.012	1000	1002	1003	rBV2	1252	1090	0.00%	0.001%
31	8.147	1020	1024	1025	rBV3	1792	2270	0.01%	0.003%
32	8.275	1033	1045	1063	rBV2	1111489	3227674	11.16%	3.813%
33	8.397	1063	1065	1069	rVV5	3396	5853	0.02%	0.007%
34	8.482	1072	1079	1087	rVB4	3913	11357	0.04%	0.013%

LSC Area Percent Report

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Misc : 5.04G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAT57

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\SOM2WLM020320S.M
Title : VOC Analysis

35	8.634	1099	1104	1106	rVB5	1800	2604	0.01%	0.003%
36	8.689	1109	1113	1122	rVB7	2569	5533	0.02%	0.007%
37	8.842	1125	1138	1152	rBV	980869	1923094	6.65%	2.272%
38	9.073	1172	1176	1186	rVB	4740	11410	0.04%	0.013%
39	9.274	1200	1209	1219	rBV	759911	1562273	5.40%	1.846%
40	9.451	1236	1238	1240	rBV2	1230	1372	0.00%	0.002%
41	9.659	1267	1272	1279	rBV5	5397	11519	0.04%	0.014%
42	9.756	1284	1288	1292	rVB5	2052	3271	0.01%	0.004%
43	9.890	1306	1310	1315	rVB6	1706	2591	0.01%	0.003%
44	10.037	1325	1334	1345	rBV	340929	637947	2.21%	0.754%
45	10.122	1345	1348	1350	rVV4	3155	4421	0.02%	0.005%
46	10.207	1357	1362	1367	rBV4	6767	11773	0.04%	0.014%
47	10.323	1372	1381	1388	rBV	1546347	2685070	9.28%	3.172%
48	10.384	1389	1391	1397	rVB	16914	24287	0.08%	0.029%
49	10.500	1408	1410	1415	rVB5	2271	3221	0.01%	0.004%
50	10.579	1415	1423	1436	rBV	209782	378985	1.31%	0.448%
51	10.701	1436	1443	1450	rVV	66138	119379	0.41%	0.141%
52	10.823	1461	1463	1464	rBV2	1364	1112	0.00%	0.001%
53	10.860	1464	1469	1473	rVV2	13079	22351	0.08%	0.026%
54	10.921	1473	1479	1488	rBV	274223	475595	1.64%	0.562%
55	11.061	1496	1502	1513	rVB2	83157	140627	0.49%	0.166%
56	11.183	1517	1522	1525	rBV7	3796	6457	0.02%	0.008%
57	11.231	1525	1530	1532	rBV6	3299	6367	0.02%	0.008%
58	11.439	1559	1564	1570	rVB	33623	59952	0.21%	0.071%
59	11.628	1588	1595	1607	rVV	1338593	2256324	7.80%	2.666%
60	11.725	1607	1611	1616	rVV	11587	21305	0.07%	0.025%
61	11.786	1618	1621	1623	rVV4	4105	5589	0.02%	0.007%
62	11.835	1623	1629	1640	rVB	53189	109327	0.38%	0.129%
63	12.036	1660	1662	1666	rVB4	1441	1806	0.01%	0.002%
64	12.176	1675	1685	1694	rBV3	58863	133031	0.46%	0.157%
65	12.384	1707	1719	1722	rBV9	14619	43628	0.15%	0.052%
66	12.603	1749	1755	1762	rVB	99677	170991	0.59%	0.202%
67	12.688	1762	1769	1779	rBV	440822	740270	2.56%	0.875%
68	12.865	1781	1798	1806	rVV5	139268	651964	2.25%	0.770%
69	12.938	1807	1810	1822	rVB2	145489	269060	0.93%	0.318%
70	13.109	1830	1838	1845	rVB3	33035	78239	0.27%	0.092%
71	13.249	1853	1861	1865	rBV	297960	559946	1.94%	0.662%

LSC Area Percent Report

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Misc : 5.04G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAT57

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\SOM2WLM020320S.M
Title : VOC Analysis

72	13.298	1865	1869	1874	rVB3	292671	511100	1.77%	0.604%
73	13.554	1905	1911	1919	rBV2	1264031	2201380	7.61%	2.601%
74	13.627	1919	1923	1930	rVB2	84057	154085	0.53%	0.182%
75	13.719	1934	1938	1939	rBV4	18278	26512	0.09%	0.031%
76	13.755	1940	1944	1947	rBV2	63444	91376	0.32%	0.108%
77	13.853	1953	1960	1967	rBV	1243033	2052643	7.10%	2.425%
78	13.938	1967	1974	1983	rVB	1369532	2223940	7.69%	2.627%
79	14.011	1983	1986	1987	rBV	20513	21708	0.08%	0.026%
80	14.146	2004	2008	2013	rVB2	43365	80802	0.28%	0.095%
81	14.231	2014	2022	2027	rBV	189152	310867	1.07%	0.367%
82	14.286	2027	2031	2035	rVV3	47606	77509	0.27%	0.092%
83	14.420	2049	2053	2055	rBV	58531	79944	0.28%	0.094%
84	14.456	2055	2059	2063	rVV2	183599	292579	1.01%	0.346%
85	14.505	2063	2067	2071	rVV4	105059	248558	0.86%	0.294%
86	14.554	2072	2075	2080	rVB	204938	312623	1.08%	0.369%
87	14.688	2092	2097	2100	rBV	69032	113416	0.39%	0.134%
88	14.792	2109	2114	2121	rVB2	211744	398887	1.38%	0.471%
89	14.871	2121	2127	2134	rBV	856487	1339705	4.63%	1.583%
90	14.950	2134	2140	2149	rVB	941188	1651007	5.71%	1.951%
91	15.054	2151	2157	2162	rBV3	156238	308688	1.07%	0.365%
92	15.170	2173	2176	2183	rVB3	31983	58338	0.20%	0.069%
93	15.365	2200	2208	2216	rVV	16380506	28920204	100.00%	34.168%
94	15.468	2216	2225	2235	rVB3	115354	357009	1.23%	0.422%
95	15.846	2282	2287	2291	rBV2	94074	158215	0.55%	0.187%
96	15.968	2301	2307	2321	rVB3	135898	455380	1.57%	0.538%
97	16.243	2349	2352	2365	rVB2	46888	106000	0.37%	0.125%
98	16.377	2370	2374	2376	rVV	47878	83492	0.29%	0.099%
99	16.438	2376	2384	2399	rVB	7056915	14857800	51.38%	17.554%
100	16.645	2409	2418	2429	rVB	3124461	6812323	23.56%	8.048%

Sum of corrected areas: 84642354

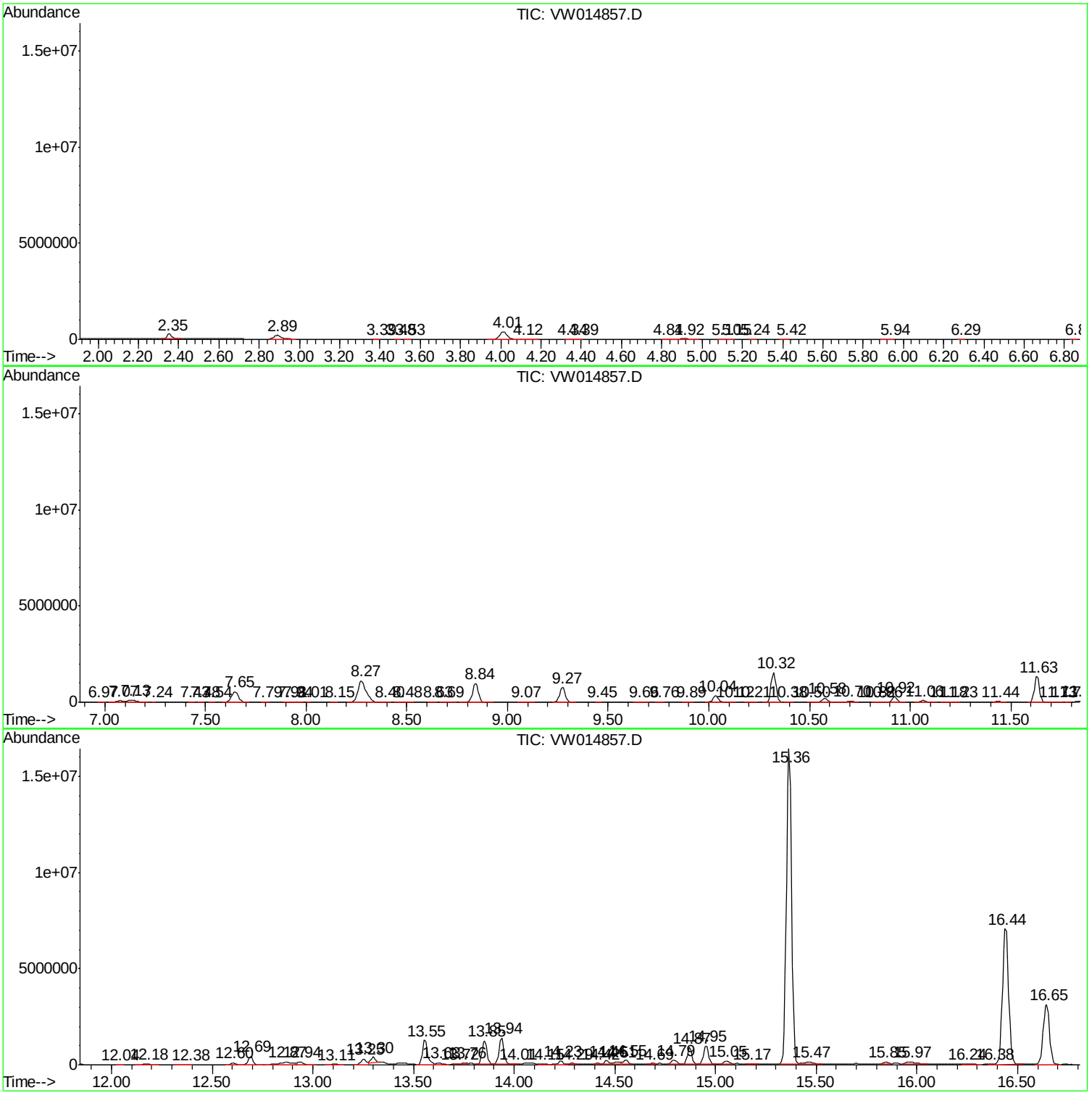
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW020420\
Data File : VW014857.D
Acq On : 04 Feb 2020 13:09
Operator : SY/VA
Sample : L1323-19
Misc : 5.04G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAT57

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020320S.M
Quant Title : VOC Analysis

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW020420\
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Sample : L1323-19
Misc : 5.04G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAT57

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020320S.M
Quant Title : VOC Analysis

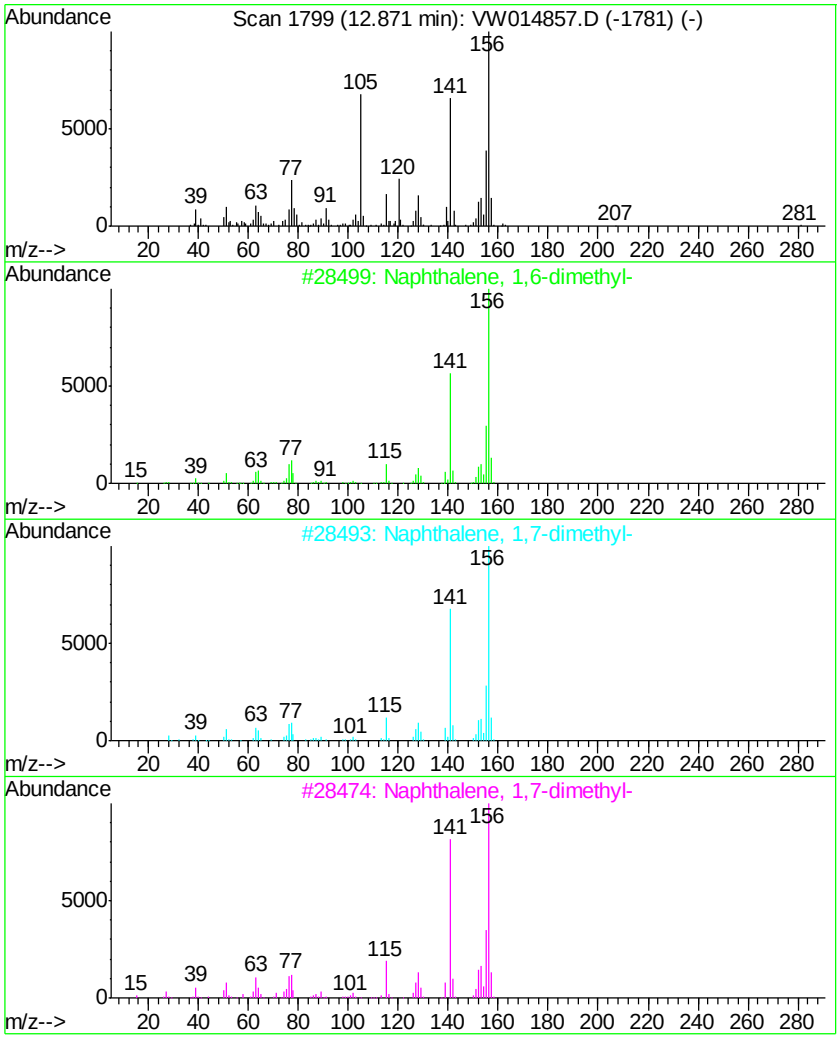
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

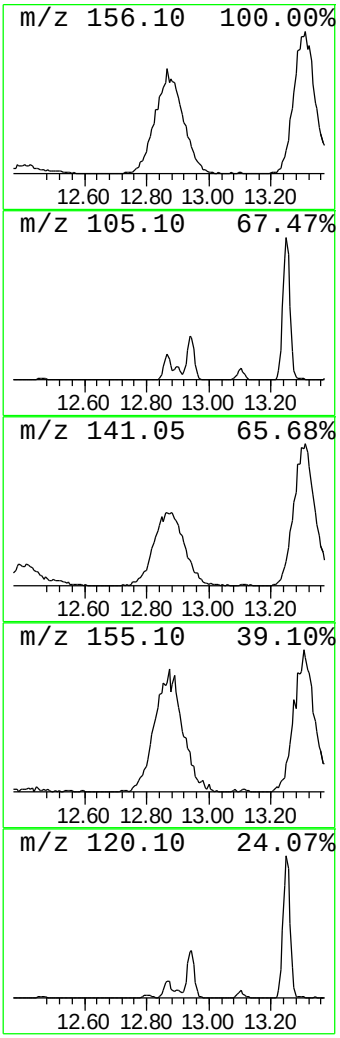
****

Peak Number 6 Naphthalene, 1,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	7.40 ug/L	651964	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW020420\
Data File : VW014857.D
Acq On : 04 Feb 2020 13:09
Operator : SY/VA
Sample : L1323-19
Misc : 5.04G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAT57

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020320S.M
Quant Title : VOC Analysis

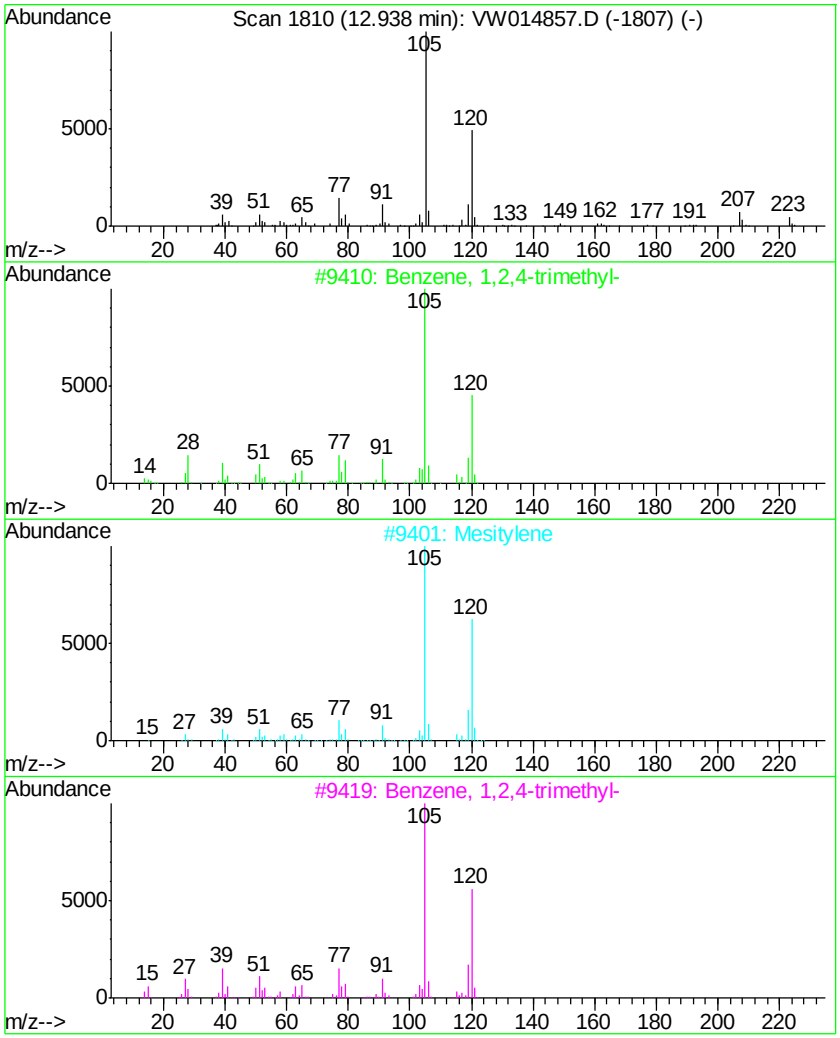
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

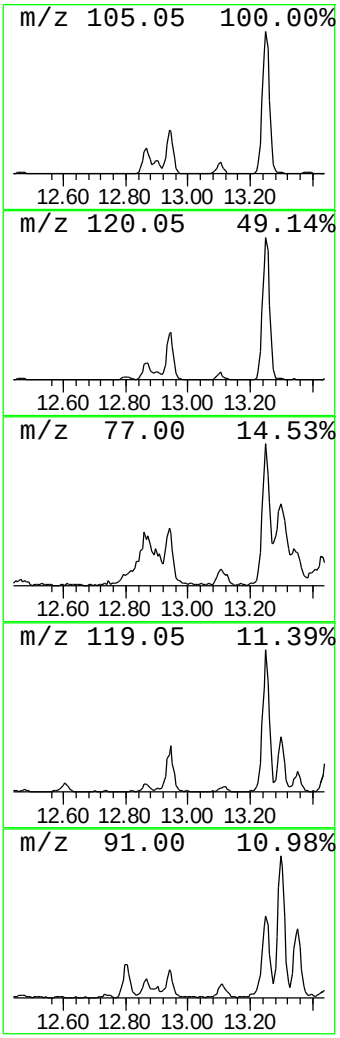
****

Peak Number 7 Benzene, 1,2,4-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.94	3.06 ug/L	269060	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	81
2	Mesitylene	120	C9H12	000108-67-8	81
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	74
4	Mesitylene	120	C9H12	000108-67-8	74
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	72





Library Search Compound Report

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAT57

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020320S.M
Quant Title : VOC Analysis

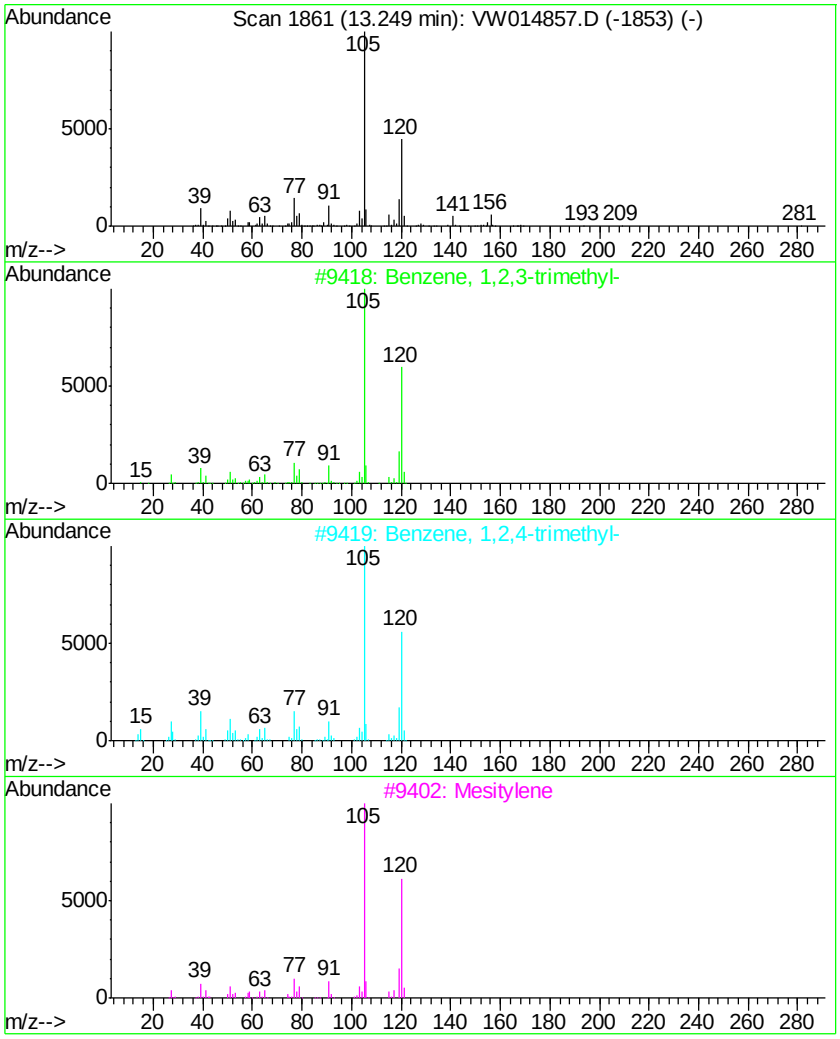
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

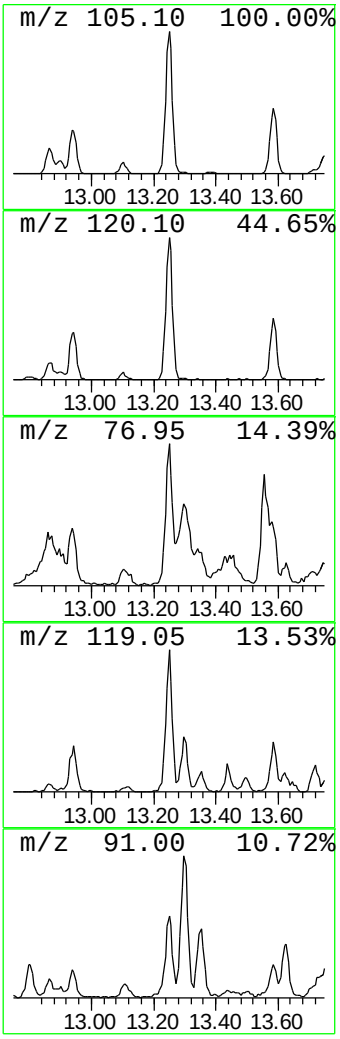
****

Peak Number 8 Benzene, 1,2,3-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	6.36 ug/L	559946	1,4-Dichlorobenzene-d4	13.55

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	94
3	Mesitylene	120	C9H12	000108-67-8	94
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	93
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW020420\
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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAT57

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020320S.M
Quant Title : VOC Analysis

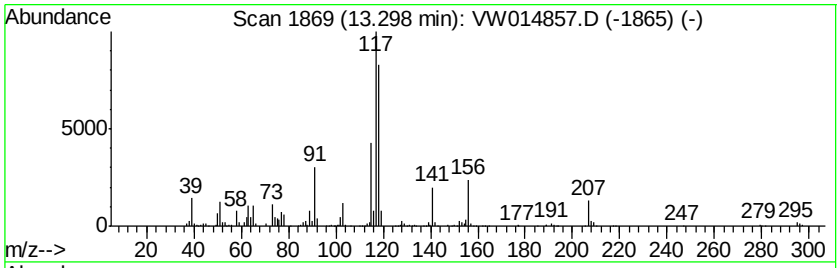
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

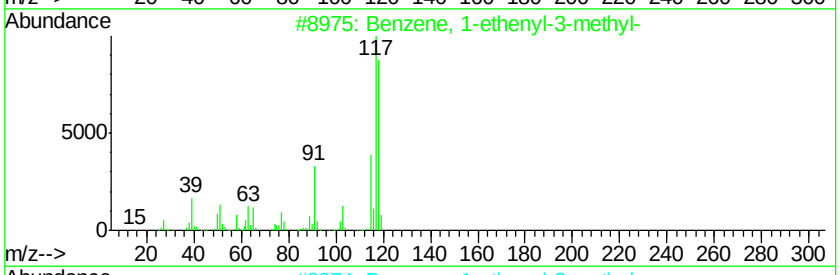
****

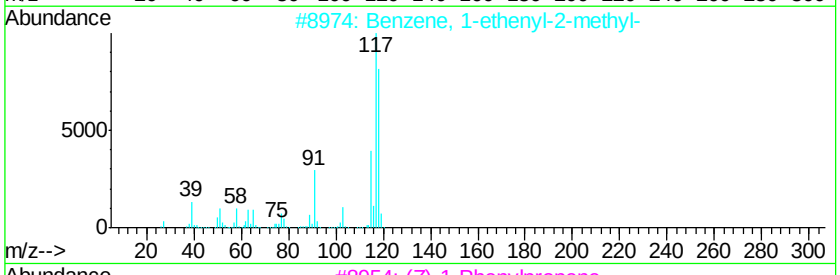
Peak Number 9 Benzene, 1-ethenyl-3-methyl- Concentration Rank 10

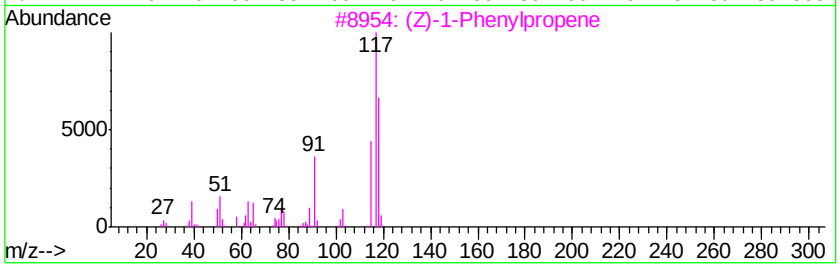
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.30	5.80 ug/L	511100	1,4-Dichlorobenzene-d4	13.55

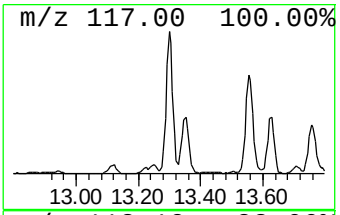
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	95
2	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	92
3	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	91
4	Benzene, 1-propenyl-	118	C9H10	000637-50-3	91
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	91

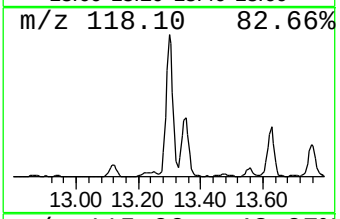


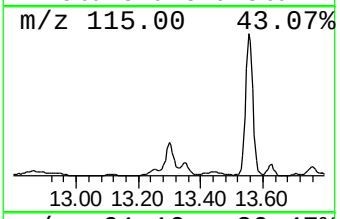


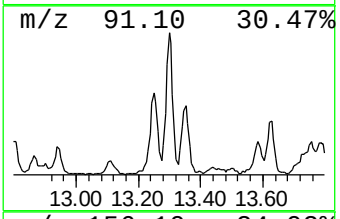


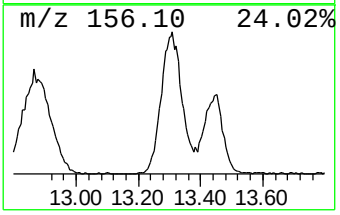












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Data File : VW014857.D
Acq On : 04 Feb 2020 13:09
Operator : SY/VA
Sample : L1323-19
Misc : 5.04G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAT57

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020320S.M
Quant Title : VOC Analysis

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

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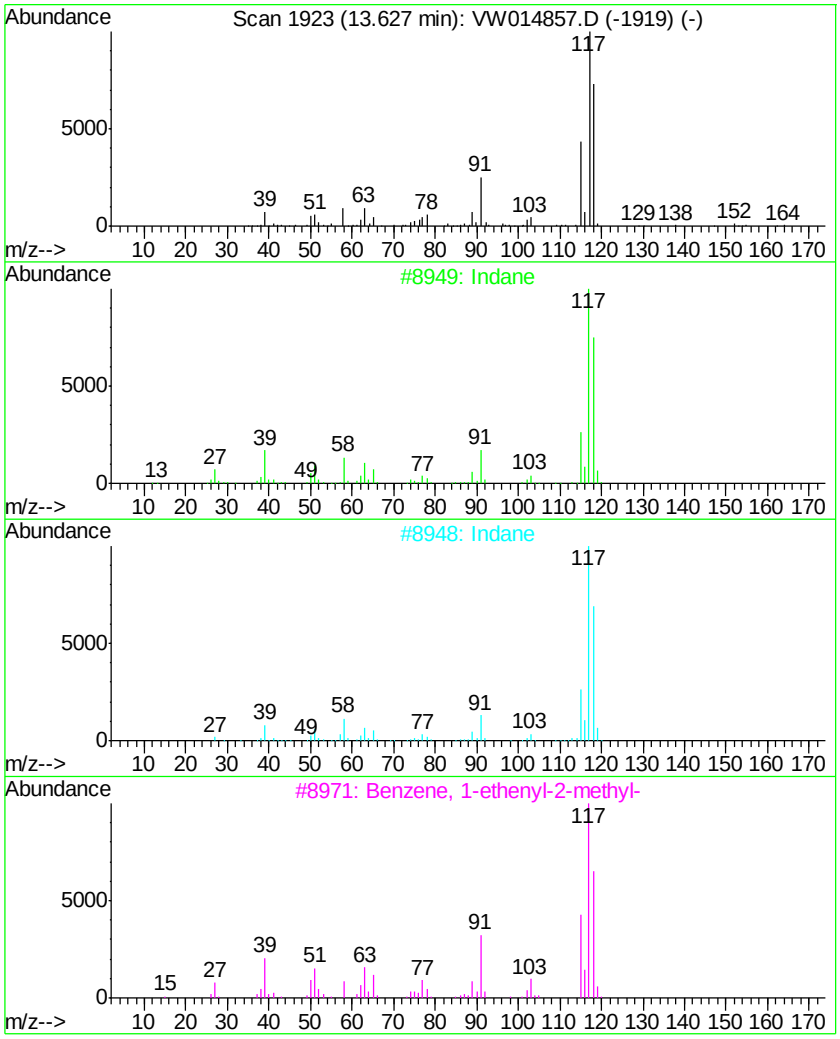
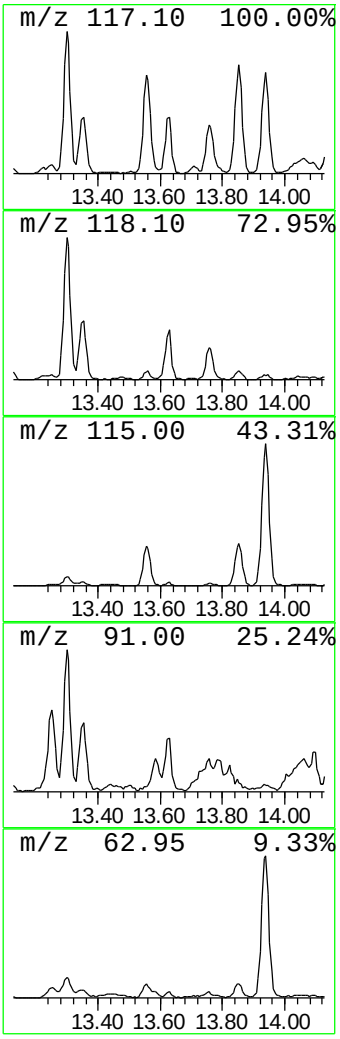
Peak Number 10 Indane Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	1.75 ug/L	154085	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	76
2	Indane	118	C9H10	000496-11-7	64
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	62
4	trans-Cinnamyl bromide	196	C9H9Br	026146-77-0	59
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	58





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Operator : SY/VA
Sample : L1323-19
Misc : 5.04G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAT57

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020320S.M
Quant Title : VOC Analysis

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

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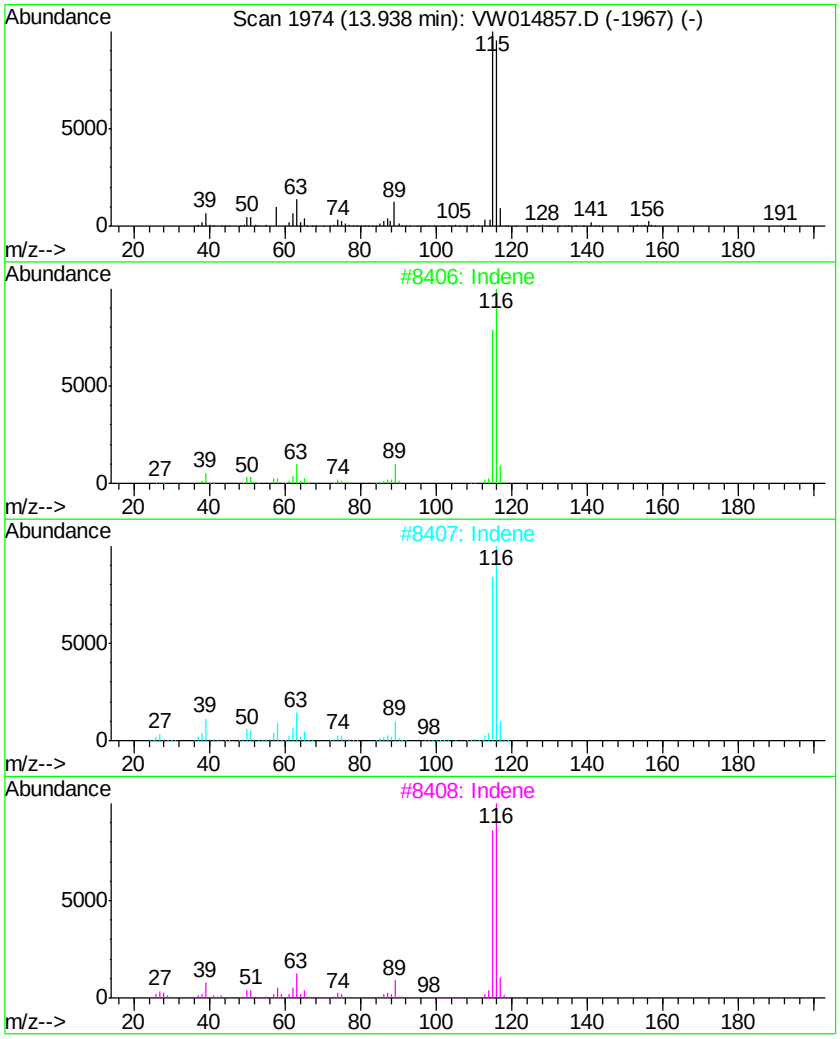
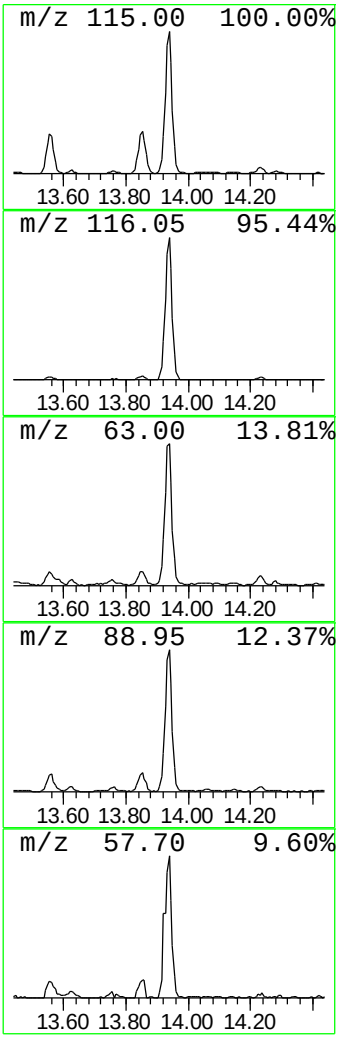
Peak Number 11 Indene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	25.26 ug/L	2223940	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	97
2	Indene	116	C9H8	000095-13-6	96
3	Indene	116	C9H8	000095-13-6	95
4	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
5	3-Methylphenylacetylene	116	C9H8	000766-82-5	91





Library Search Compound Report

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Acq On : 04 Feb 2020 13:09
Operator : SY/VA
Sample : L1323-19
Misc : 5.04G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAT57

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020320S.M
Quant Title : VOC Analysis

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

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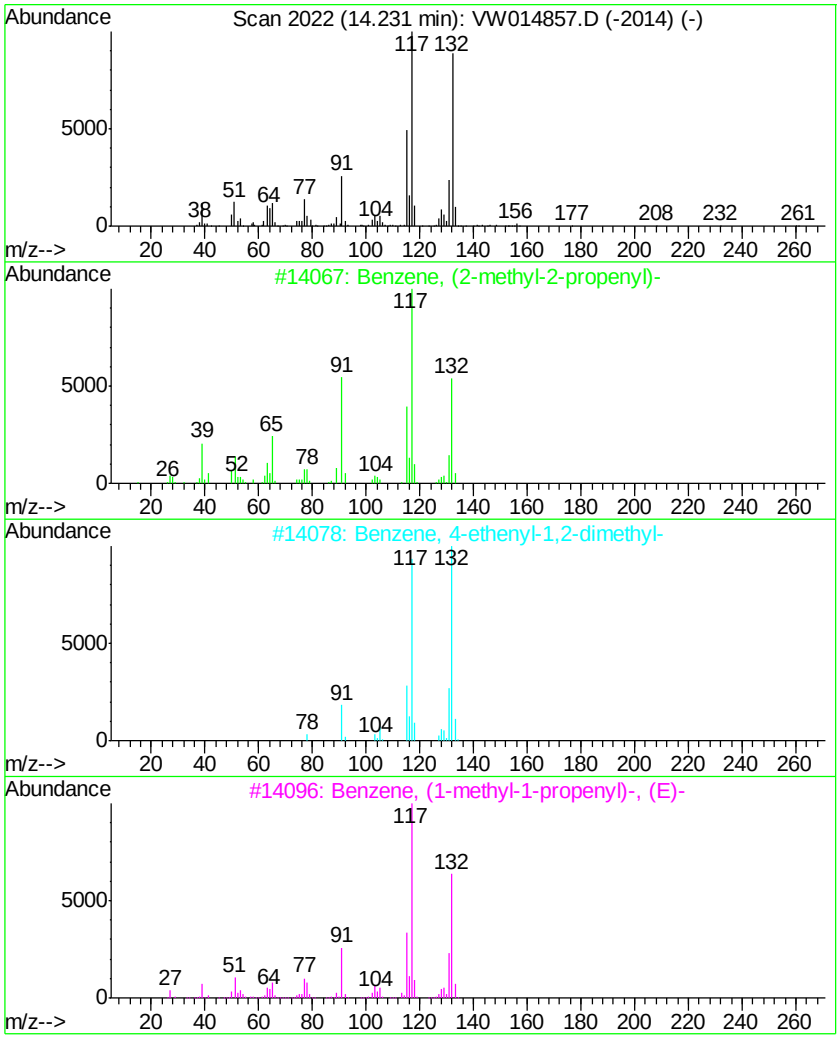
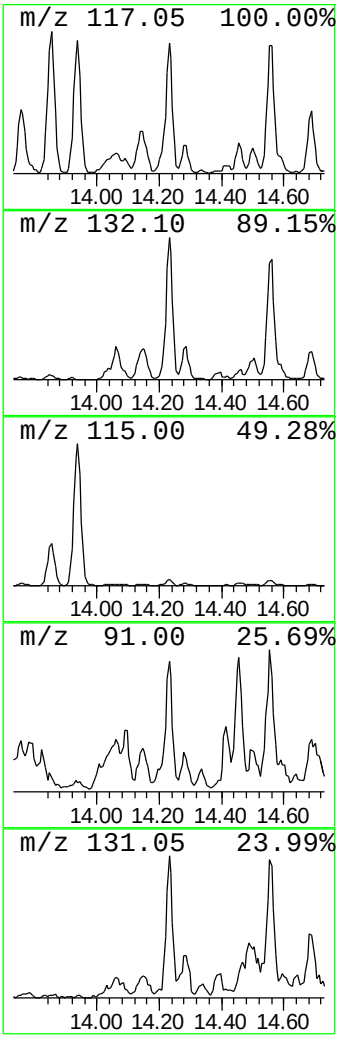
Peak Number 12 Benzene, (2-methyl-2-propen... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.23	3.53 ug/L	310867	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	95
2	Benzene, 4-ethenyl-1,2-dimethyl-	132	C10H12	027831-13-6	94
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	94
4	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	94
5	o-Isopropenyltoluene	132	C10H12	007399-49-7	94





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Acq On : 04 Feb 2020 13:09
Operator : SY/VA
Sample : L1323-19
Misc : 5.04G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAT57

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020320S.M
Quant Title : VOC Analysis

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

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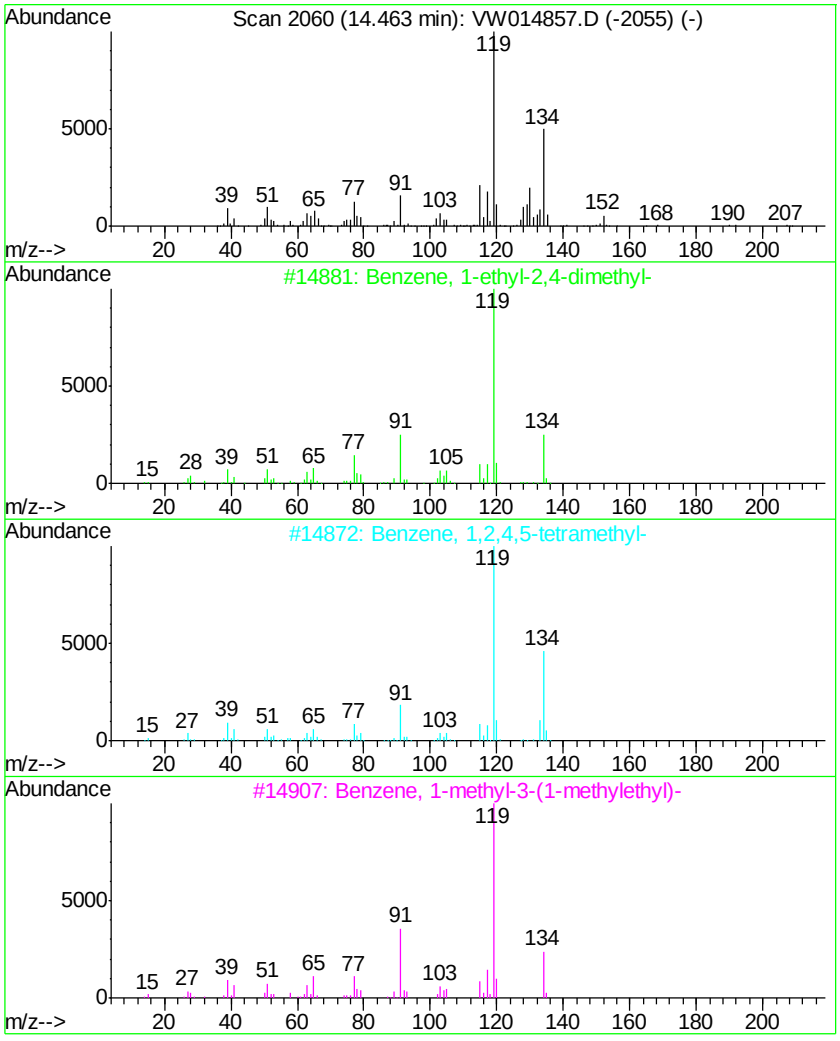
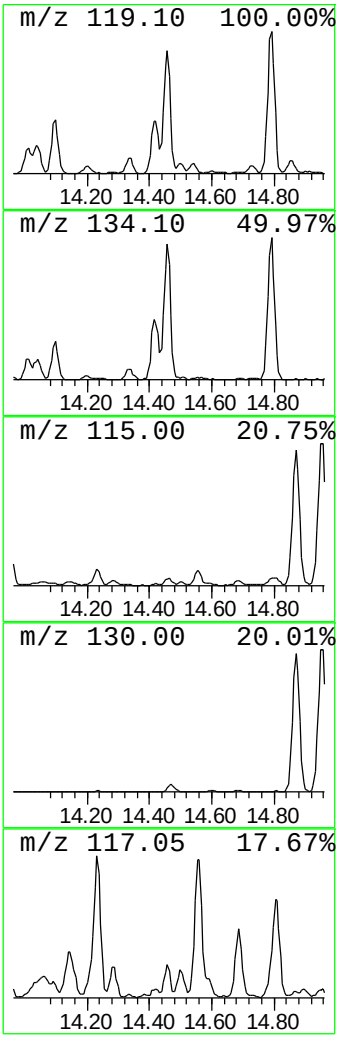
Peak Number 13 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.46	3.32 ug/L	292579	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	87
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	87
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	87





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Acq On : 04 Feb 2020 13:09
Operator : SY/VA
Sample : L1323-19
Misc : 5.04G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAT57

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020320S.M
Quant Title : VOC Analysis

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

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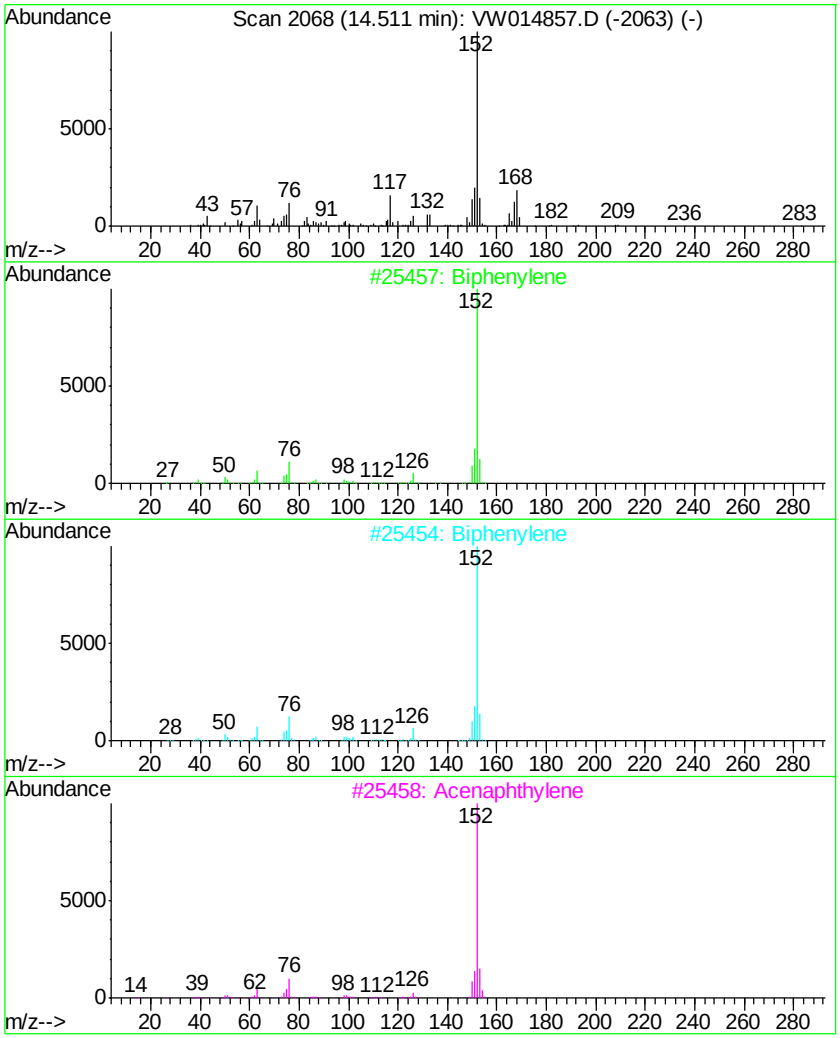
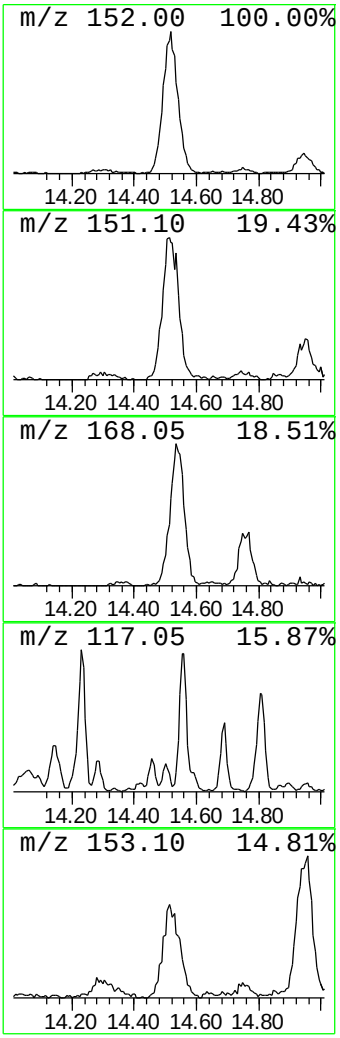
Peak Number 14 Biphenylene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.51	2.82 ug/L	248558	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenylene	152	C12H8	000259-79-0	62
2	Biphenylene	152	C12H8	000259-79-0	62
3	Acenaphthylene	152	C12H8	000208-96-8	58
4	Acenaphthylene	152	C12H8	000208-96-8	53
5	Benzaldehyde, 2-hydroxy-3-methoxy-	152	C8H8O3	000148-53-8	50





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Sample : L1323-19
Misc : 5.04G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAT57

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020320S.M
Quant Title : VOC Analysis

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

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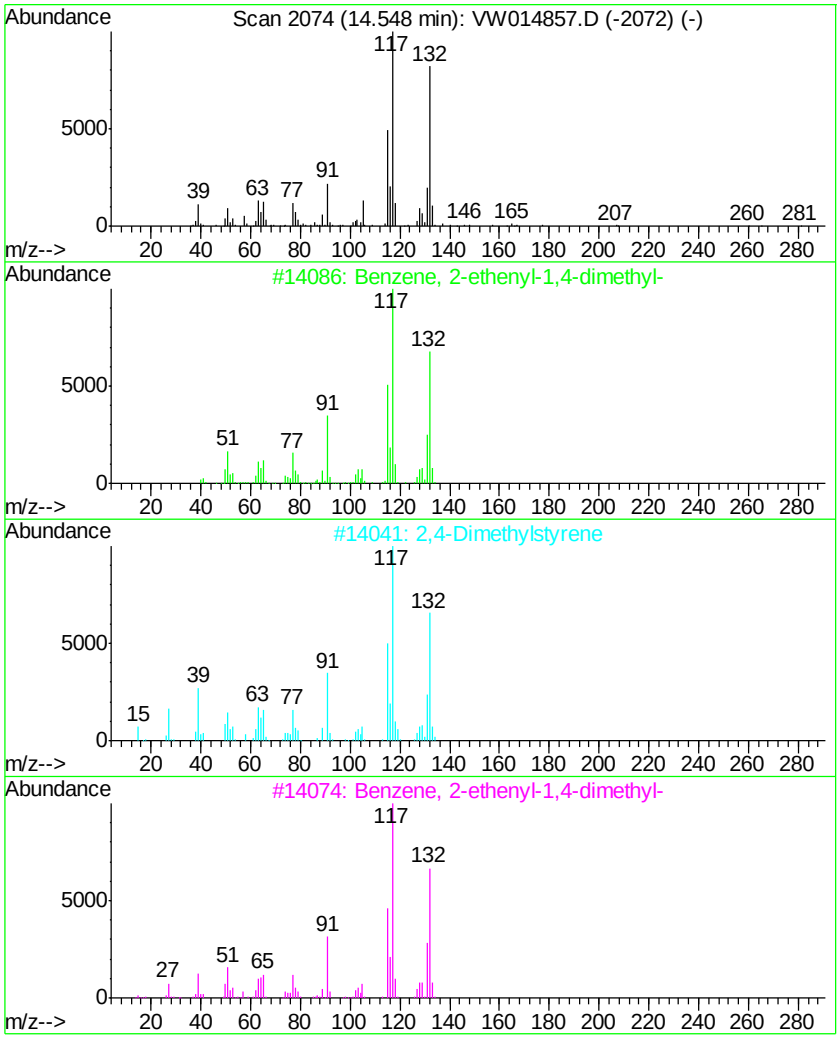
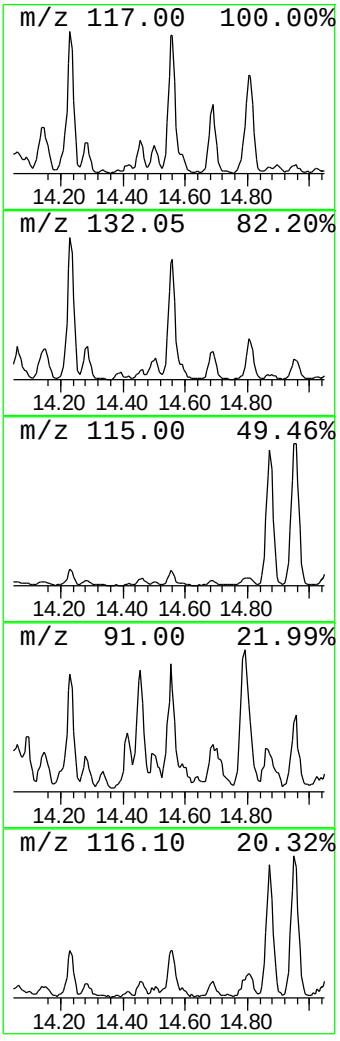
Peak Number 15 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.55	3.55 ug/L	312623	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	97
2	2,4-Dimethylstyrene	132	C10H12	002234-20-0	96
3	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
4	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	96
5	Benzene, 4-ethenyl-1,2-dimethyl-	132	C10H12	027831-13-6	95





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Acq On : 04 Feb 2020 13:09
Operator : SY/VA
Sample : L1323-19
Misc : 5.04G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAT57

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020320S.M
Quant Title : VOC Analysis

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

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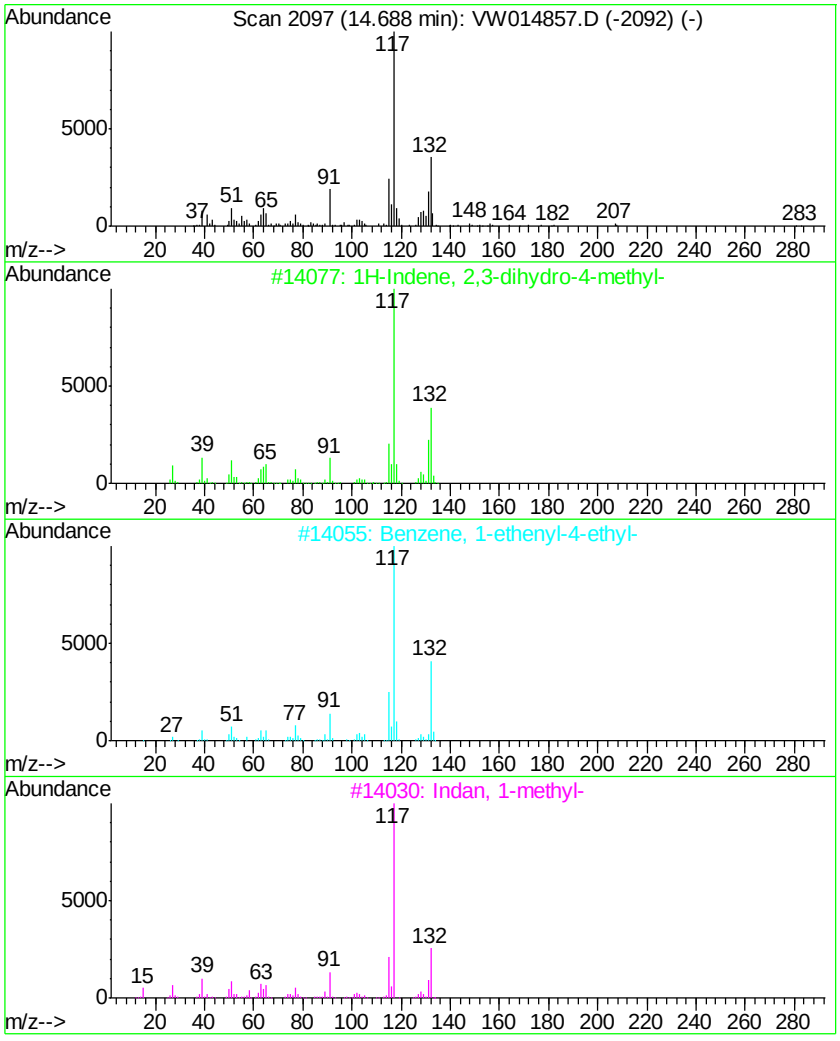
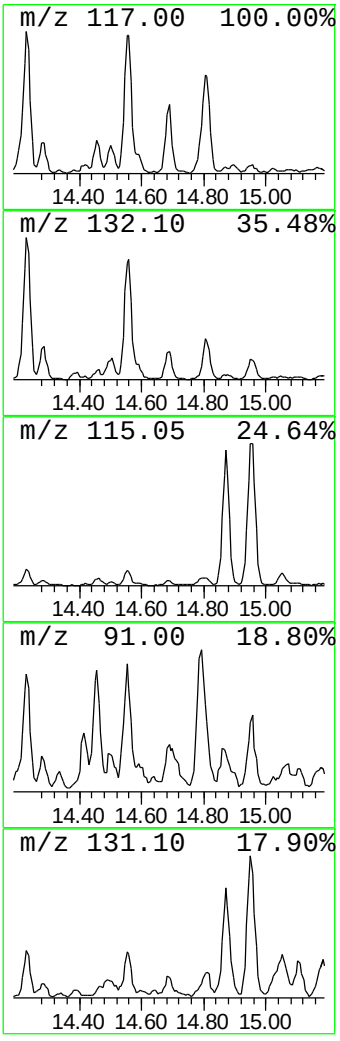
Peak Number 16 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	1.29 ug/L	113416	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	91
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87
3	Indan, 1-methyl-	132	C10H12	000767-58-8	87
4	1-Phenyl-1-butene	132	C10H12	000824-90-8	87
5	Azulene, 1,2,3,3a-tetrahydro-	132	C10H12	033877-87-1	83





Library Search Compound Report

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Data File : VW014857.D
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Operator : SY/VA
Sample : L1323-19
Misc : 5.04G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAT57

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020320S.M
Quant Title : VOC Analysis

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

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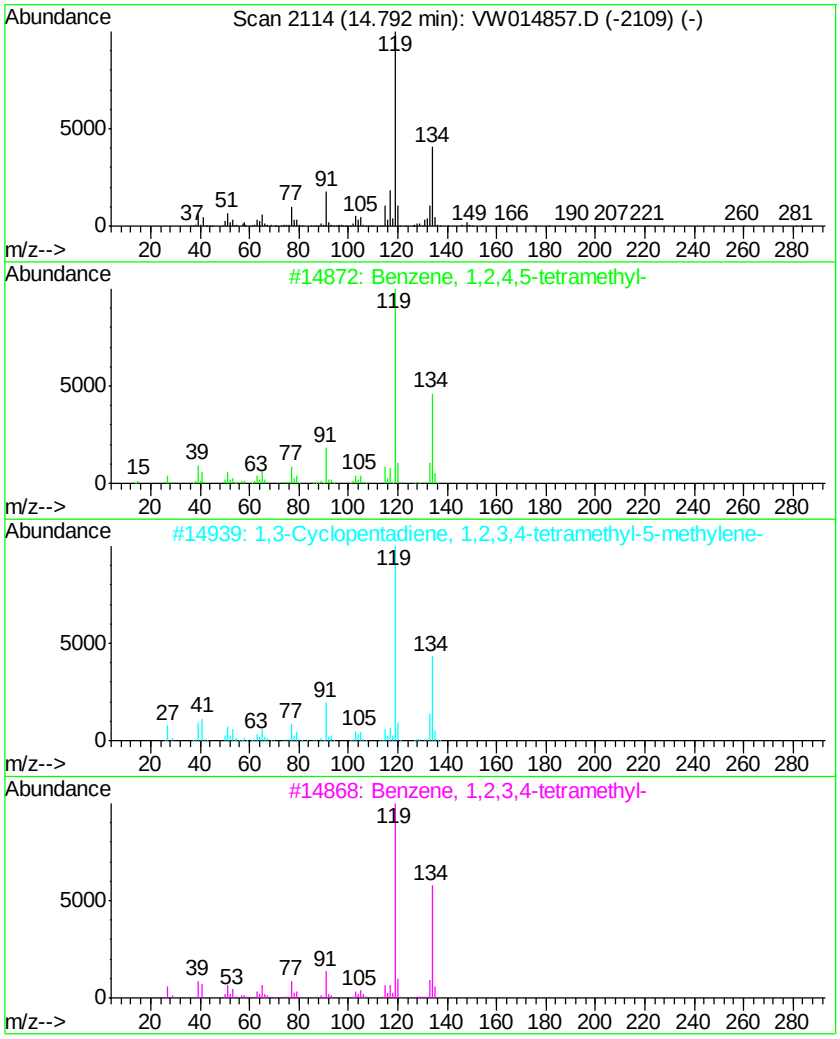
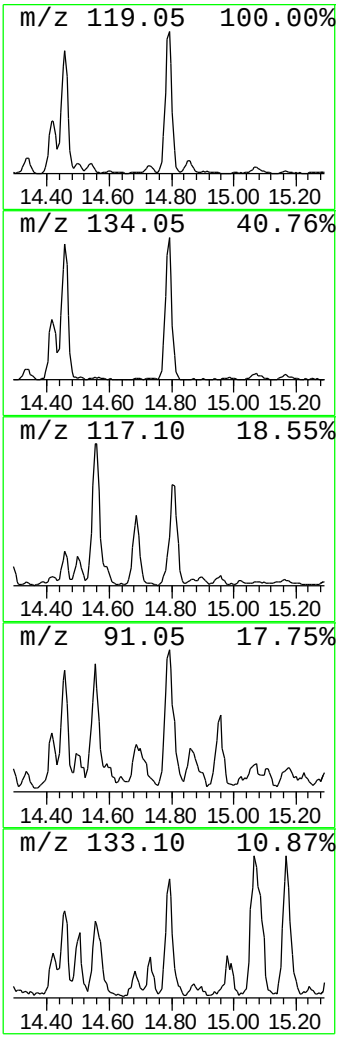
Peak Number 17 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	4.53 ug/L	398887	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
2	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	93
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	90
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	90
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	90





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Sample : L1323-19
Misc : 5.04G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAT57

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020320S.M
Quant Title : VOC Analysis

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

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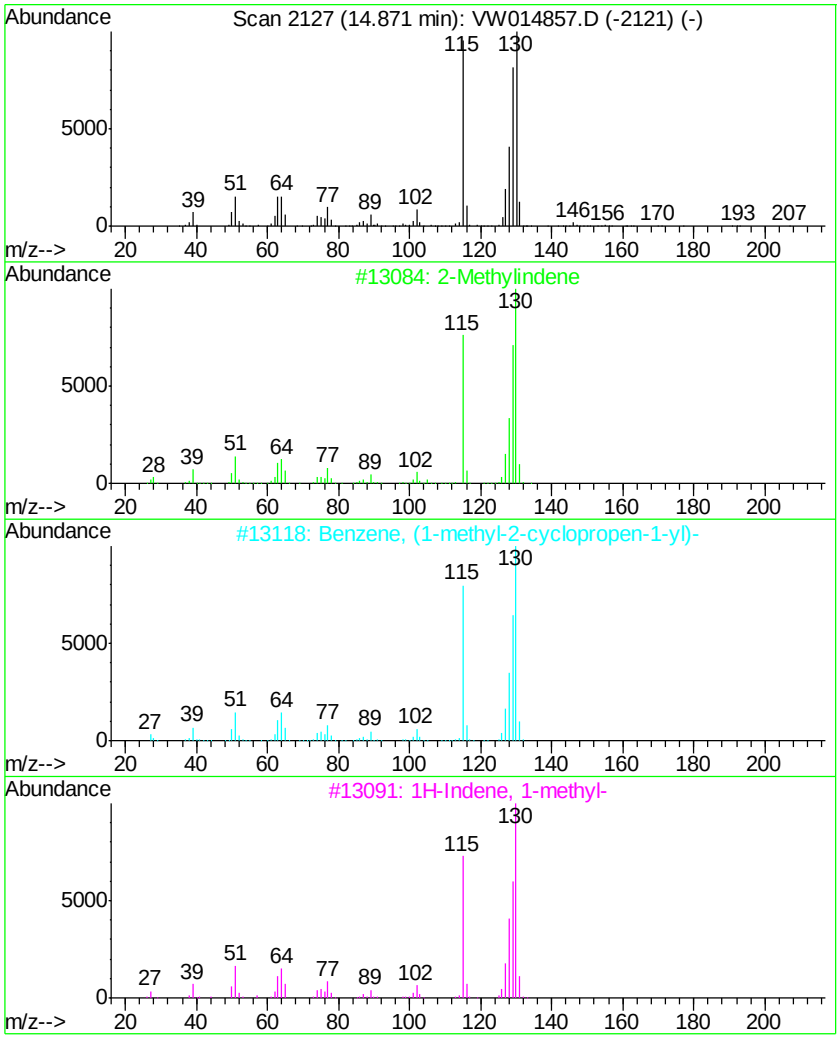
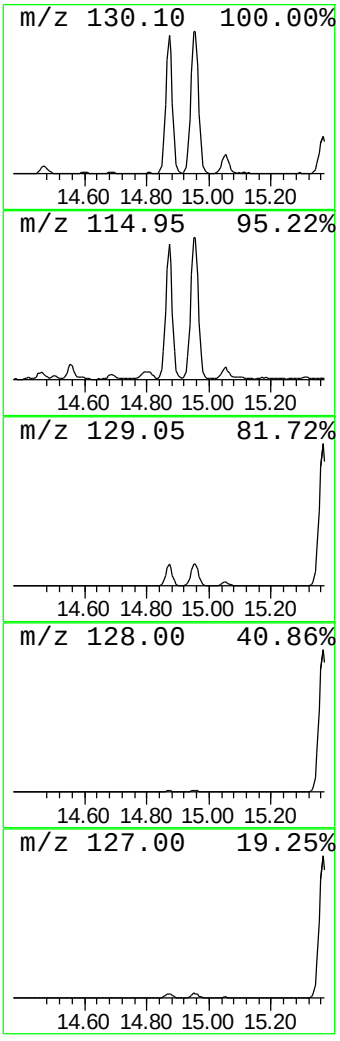
Peak Number 18 2-Methylindene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	15.21 ug/L	1339710	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylindene	130	C10H10	002177-47-1	97
2	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	97
3	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
4	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
5	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	93





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Sample : L1323-19
Misc : 5.04G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAT57

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020320S.M
Quant Title : VOC Analysis

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

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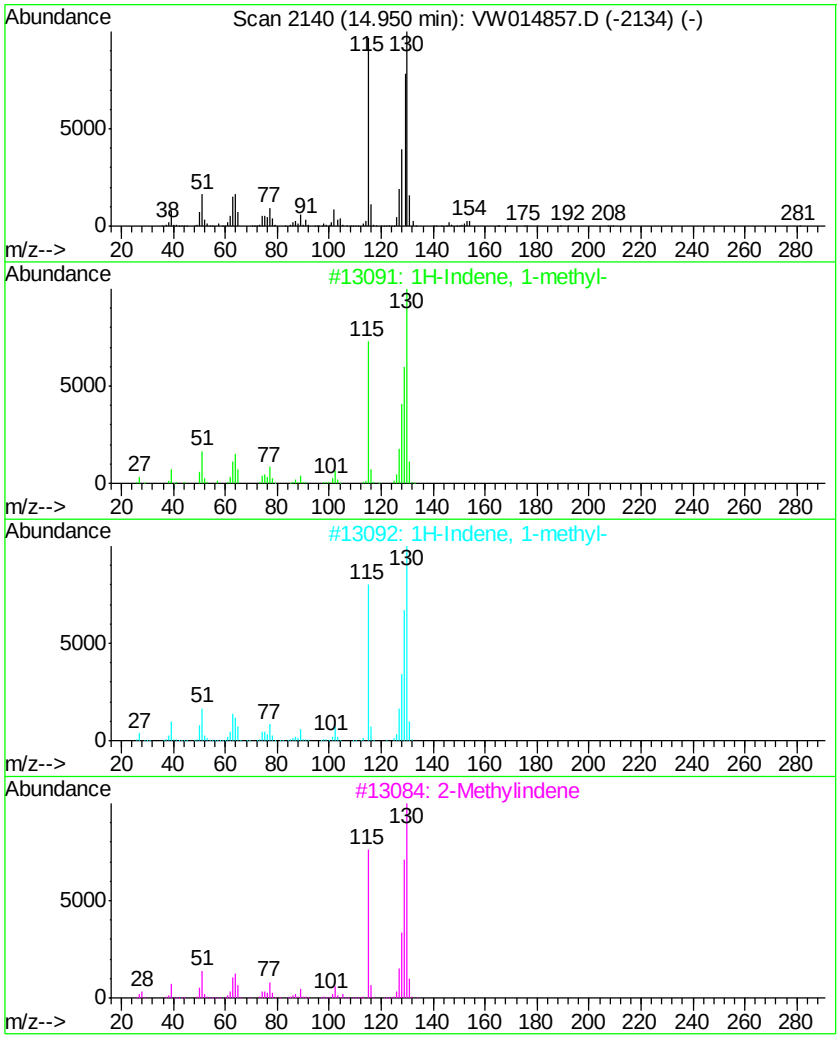
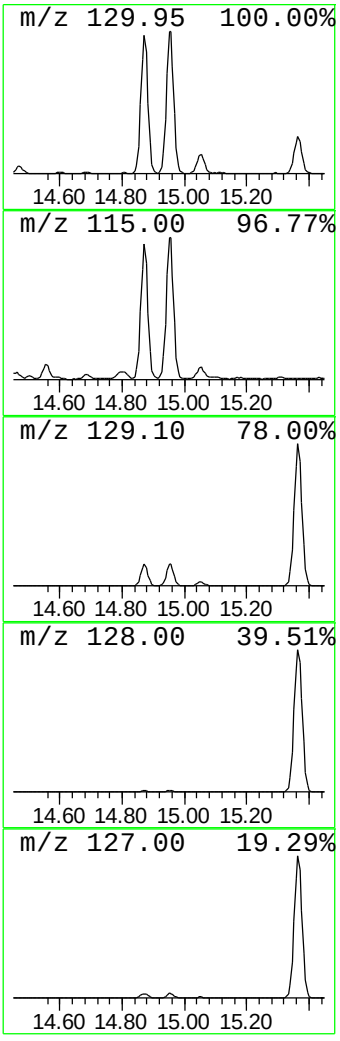
Peak Number 19 1H-Indene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.95	18.75 ug/L	1651010	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
2	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
3	2-Methylindene	130	C10H10	002177-47-1	96
4	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	95
5	Benzene, 1-butynyl-	130	C10H10	000622-76-4	95





Library Search Compound Report

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Operator : SY/VA
Sample : L1323-19
Misc : 5.04G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAT57

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020320S.M
Quant Title : VOC Analysis

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

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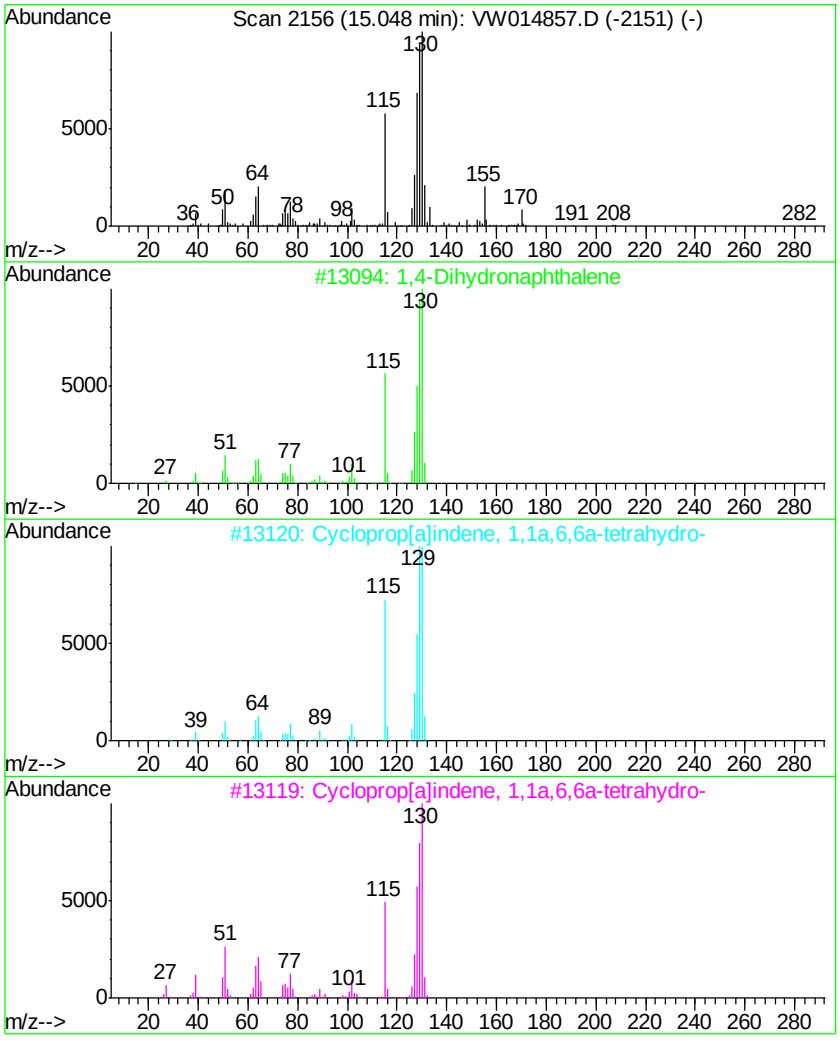
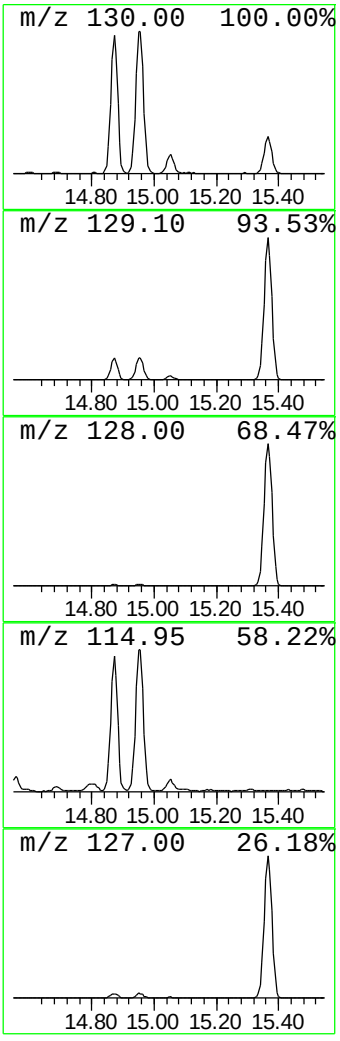
Peak Number 20 1,4-Dihydronaphthalene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.05	3.51 ug/L	308688	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	95
2	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	91
3	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	90
4	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	90
5	Naphthalene, 1,2-dihydro-	130	C10H10	000447-53-0	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW020420\
Data File : VW014857.D
Acq On : 04 Feb 2020 13:09
Operator : SY/VA
Sample : L1323-19
Misc : 5.04G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAT57

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020320S.M
Quant Title : VOC Analysis

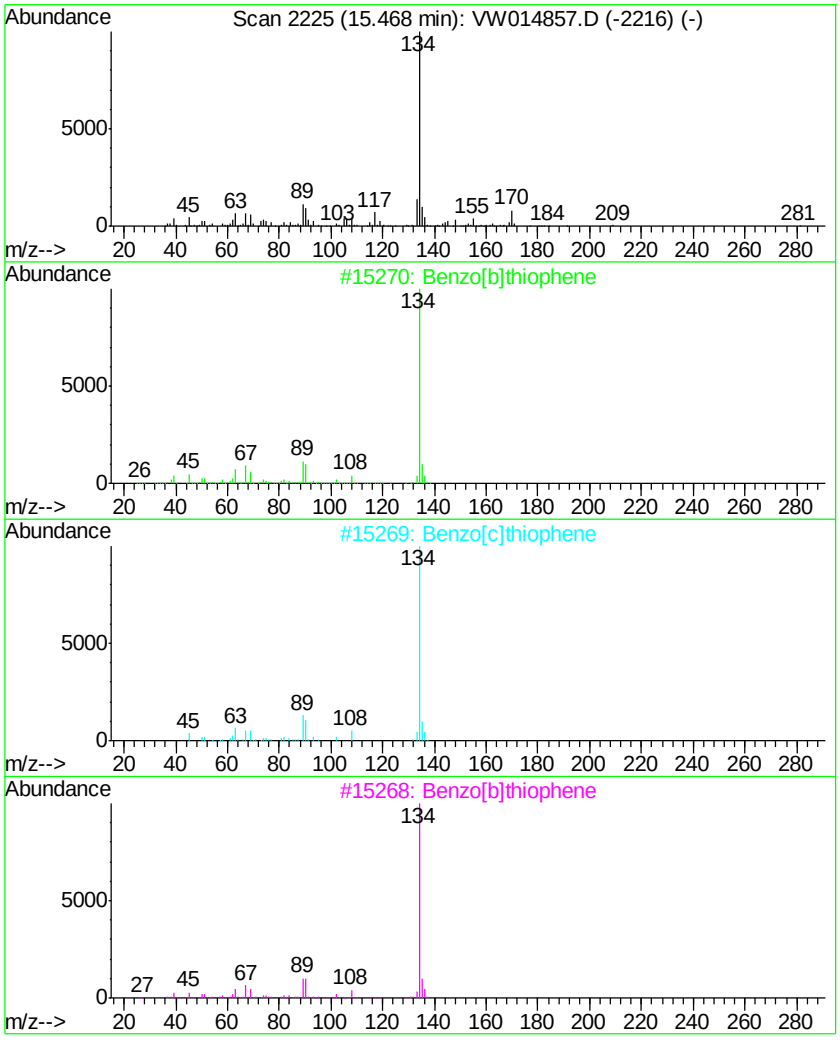
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

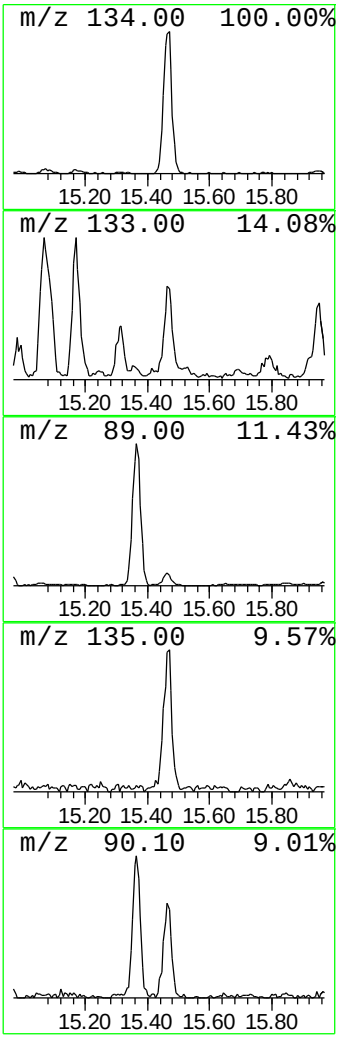
****

Peak Number 22 Benzo[b]thiophene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.47	4.05 ug/L	357009	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene	134	C8H6S	000095-15-8	93
2	Benzo[c]thiophene	134	C8H6S	000270-82-6	87
3	Benzo[b]thiophene	134	C8H6S	000095-15-8	87
4	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	83
5	Benzo[b]thiophene	134	C8H6S	000095-15-8	74





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW020420\
Data File : VW014857.D
Acq On : 04 Feb 2020 13:09
Operator : SY/VA
Sample : L1323-19
Misc : 5.04G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAT57

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020320S.M
Quant Title : VOC Analysis

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

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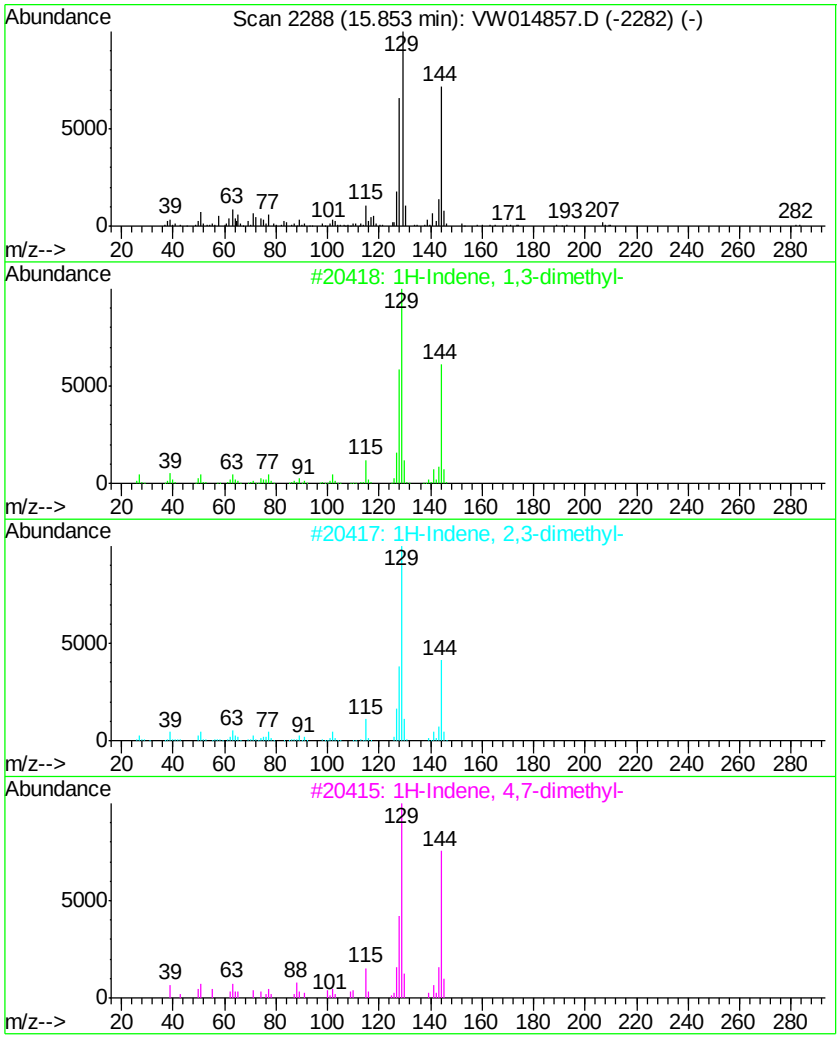
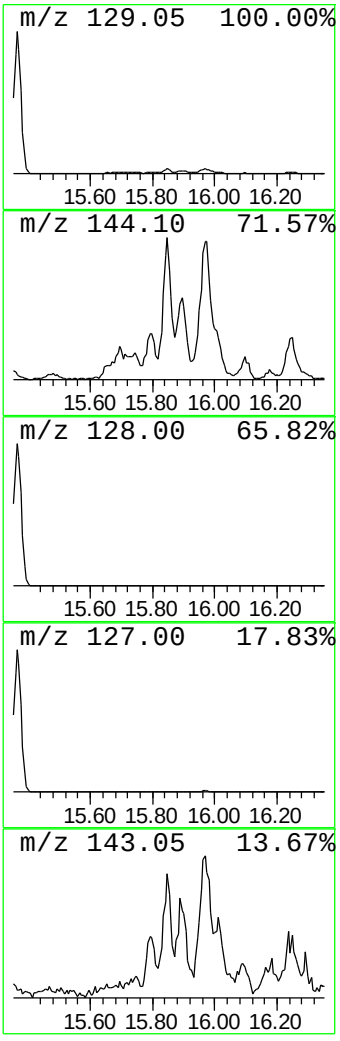
Peak Number 23 1H-Indene, 1,3-dimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.85	1.80 ug/L	158215	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	96
2	1H-Indene, 2,3-dimethyl-	144	C11H12	004773-82-4	95
3	1H-Indene, 4,7-dimethyl-	144	C11H12	006974-97-6	93
4	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	91
5	(1-Methylbuta-1,3-dienyl)benzene	144	C11H12	054758-36-0	86





Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW020420\
Data File : VW014857.D
Acq On : 04 Feb 2020 13:09
Operator : SY/VA
Sample : L1323-19
Misc : 5.04G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAT57

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020320S.M
Quant Title : VOC Analysis

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

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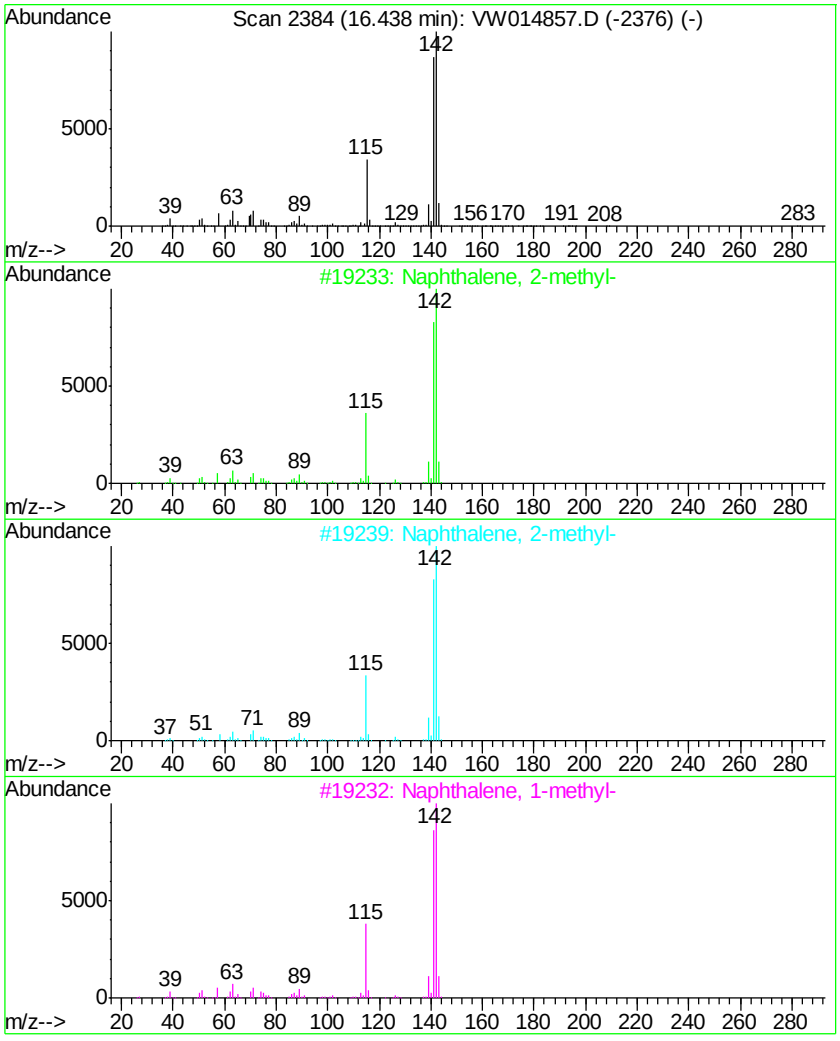
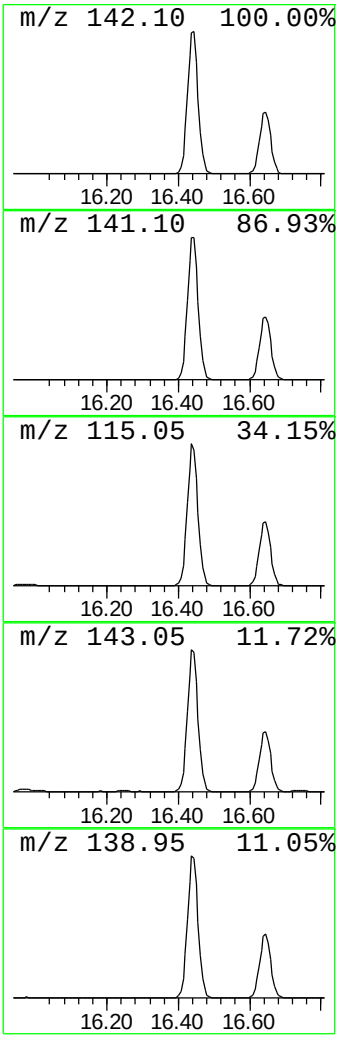
Peak Number 25 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.44	168.73 ug/L	14857800	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
4	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	93
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW020420\
Data File : VW014857.D
Acq On : 04 Feb 2020 13:09
Operator : SY/VA
Sample : L1323-19
Misc : 5.04G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAT57

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020320S.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
Naphthalene, 1,6-...	12.87	7.4	ug/L	651964	3	13.55	2201380	25.0
Benzene, 1,2,4-tr...	12.94	3.1	ug/L	269060	3	13.55	2201380	25.0
Benzene, 1,2,3-tr...	13.25	6.4	ug/L	559946	3	13.55	2201380	25.0
Benzene, 1-etheny...	13.30	5.8	ug/L	511100	3	13.55	2201380	25.0
Indane	13.63	1.8	ug/L	154085	3	13.55	2201380	25.0
Indene	13.94	25.3	ug/L	2223940	3	13.55	2201380	25.0
Benzene, (2-methy...	14.23	3.5	ug/L	310867	3	13.55	2201380	25.0
Benzene, 1-ethyl-...	14.46	3.3	ug/L	292579	3	13.55	2201380	25.0
Biphenylene	14.51	2.8	ug/L	248558	3	13.55	2201380	25.0
Benzene, 2-etheny...	14.55	3.5	ug/L	312623	3	13.55	2201380	25.0
1H-Indene, 2,3-di...	14.69	1.3	ug/L	113416	3	13.55	2201380	25.0
Benzene, 1,2,4,5-...	14.79	4.5	ug/L	398887	3	13.55	2201380	25.0
2-Methylindene	14.87	15.2	ug/L	1339710	3	13.55	2201380	25.0
1H-Indene, 1-methyl-	14.95	18.8	ug/L	1651010	3	13.55	2201380	25.0
1,4-Dihydronaphth...	15.05	3.5	ug/L	308688	3	13.55	2201380	25.0
Benzo[b]thiophene	15.47	4.0	ug/L	357009	3	13.55	2201380	25.0
1H-Indene, 1,3-di...	15.85	1.8	ug/L	158215	3	13.55	2201380	25.0
Naphthalene, 1-me...	16.44	168.7	ug/L	14857800	3	13.55	2201380	25.0